

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED
GROUND VELOCITY AND DISPLACEMENT CURVES

PARTS O AND P - ACCELEROGRAMS IO198 TO IO201, IO204 TO IO208,
IO210, IO213, IP214 TO IP223, IP231 AND IP232

REPORT NO. EERL 74-55

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

JUNE 1974

CALIFORNIA INSTITUTE OF TECHNOLOGY
EARTHQUAKE ENGINEERING RESEARCH LABORATORY

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DIGITIZED AND PLOTTED DATA

Volume II - Corrected Accelerograms and Integrated
Ground Velocity and Displacement Curves

Parts O and P - Accelerograms IIO198 to IIO201, IIO204 to IIO208,
IIO210, IIO213, IIP214 to IIP223, IIP231, and IIP232

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Pasadena, California

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ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971, as Volume II, Part A, Report No. EERL 71-50, the first report of the Volume II series. That issue also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared earlier in Volume I, Part A, Report No. EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Parts O and P, Report No. EERL 74-55, continues with the accelerograms obtained during the San Fernando earthquake of February 9, 1971, and includes three records each from the buildings at 1625 Olympic Boulevard, 4867 Sunset Boulevard, and 3345 Wilshire Boulevard in Los Angeles; two records from the building at 9841 Airport Boulevard in Los Angeles; and one record each from the Griffith Park Observatory in Los Angeles, the Utilities Building at 215 W. Broadway, and Terminal Island, both in Long Beach, the Hall of Records in San Bernardino, the Fairmont Reservoir, the University of California at Santa Barbara, the Hemet Fire Station in Hemet, the 1215 Gallery at Hoover Dam, 666 W. 19th Street in Costa Mesa, the Santa Anita Reservoir in Arcadia, the Navy Laboratory at Port Hueneme, and the Puddingstone Reservoir at San Dimas.

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PREFACE TO VOLUME II, PARTS O AND P*

This issue of corrected accelerograms and integrated ground velocity and displacement curves contains data from the San Fernando, California, earthquake of February 9, 1971. The corrected data for records from this earthquake appeared first in Volume II, Part C, Report No. EERL 72-51, and this continuation includes records from the following locations:

1. Griffith Park Observatory (Moon Room), Los Angeles
2. 1625 Olympic Boulevard, Los Angeles (3 records)
3. Utilities Building, 215 W. Broadway, Long Beach
4. Terminal Island, Long Beach
5. Hall of Records, San Bernardino
6. Fairmont Reservoir, Fairmont
7. University of California, Santa Barbara
8. Fire Station (Hose Storage Room), Hemet
9. Hoover Dam (1215 Gallery)
10. 4867 Sunset Boulevard, Los Angeles (3 records)
11. 3345 Wilshire Boulevard, Los Angeles (3 records)
12. 666 W. 19th Street, Costa Mesa
13. Santa Anita Reservoir, Arcadia
14. Navy Laboratory, Port Hueneme
15. Puddingstone Reservoir, San Dimas
16. 9841 Airport Boulevard, Los Angeles (2 records)

The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part O, Report No. EERL 73-20, and Volume I, Part P, Report No. EERL 73-21. Reference may be made to Volume II, Parts A and B, Report Nos. EERL 71-50 and 72-50, for introductory material and references to papers discussing various details of the processing and computing problems.

* For reasons of economy and convenience in the size of the reports, it has been thought desirable to combine two parts into one report.

A separate section in Volume II, Part G, Report No. 73-52, described the results of an investigation of long period ground displacements calculated from recorded accelerations. During the course of this study it became evident that the procedures for preparation of 70-mm and, to a lesser extent, 35-mm film records introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the 70-mm and 35-mm film records in this issue, namely for the following locations

1. O198. Griffith Park Observatory, Los Angeles
2. O199-201. 1625 Olympic Boulevard, Los Angeles
3. O206. Hall of Records, San Bernardino
4. O208. University of California, Santa Barbara
5. O210. Fire Station, Hemet
6. P231-232. 9841 Airport Boulevard, Los Angeles

by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds. Subsequent calculations of response and Fourier spectra, published in the corresponding parts of Volumes III and IV reflect this altered frequency band. At the same time, a number of very low amplitude accelerograms were eliminated from further processing (Volume II, III, and IV) reflecting the expectation that the resulting displacements would be dominated by noise. Included in this group of accelerograms, and therefore eliminated from this report, are the following:

1. O202-203. Cedar Springs: Allen Ranch and Pump House
2. O209. El Centro Community Hospital
3. O211-212. Hoover Dam: Intake Tower and Oil House
4. P224. Harvey Auditorium, Bakersfield
5. P225-226. Lincoln High School, Taft

6. P227. Service Building, San Diego Light & Power Co.
7. P228-229. Cholame-Shandon Array, Stations 2 and 8
8. P230. Buena Vista, Taft

Record P218 from the second floor at 3345 Wilshire Boulevard, Los Angeles, consists of only the two horizontal components, as described in Volume I, Part P, Report No. EERL 73-21. The electrical damping system of the vertical component transducer was not in operation and the transducer was therefore responding as a lightly damped oscillator. Copies of the original record are available to investigators having a special interest in the data from this station.

NOTES ON THE VOLUME II SERIES

The following includes some general background information describing the Volume II series.

Contents of the Various Parts. Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, Report No. EERL 71-50, was published in September 1971 and contained in a general introduction to the series, detailed information on the methods and procedures used which should be consulted by all users of the data. Part B of Volume II, Report No. EERL 72-50, which appeared in February 1973, contained additional references to papers discussing various details of the processing and computing problems. Part C, Report No. EERL 72-51, began the presentation of corrected data for the unusually important series of accelerograms obtained during the San Fernando earthquake of February 9, 1971. All the records considered suitable for standard digitizing will be included in the issues following Part C.

Component Directions. A description of the naming of component directions for the records was given in Volume II, Part B. Consistent with this, the component direction, where it appears in this report, refers to the direction of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base. It follows that the true ground acceleration will be opposite to

the pendulum motion defined above. Consequently, in the following plots the y-axis scale is inverted so as to retain both the familiar pattern of the accelerograms and the listed component direction.

Description of the Plots and Listings. The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A. The plots of acceleration, velocity, and displacement appear first, with details of the earthquake, the recording site, and the peak values in the headings. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values, and initial values are in the headings for each component.

Assessment of Long Period Errors. A separate section in Volume II, Part G, Report No. EERL 73-52, entitled "Current Assessment of Long Period Errors" describes the results of a recent investigation of long period displacements calculated from recorded accelerations. During the course of this study it became evident that the procedures for preparation of 70-mm film and, to a lesser extent, 35-mm film records from the San Fernando earthquake of February 9, 1971, introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the 70-mm and 35-mm film records by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds in the Volume II correction procedure. The following list of Caltech reference numbers indicates the records from the San Fernando earthquake included in Volume I, Parts C through S, that have been processed with the cut-off period of 8 seconds:

Parts G, H, I, K, N, Q, R, S: All records in these parts.

Part J: Records J142 and J145 through J150.

Part L: Records L166, L167, L168; L172 through L175.

Part M: Records M176, M177, M178; M180 through M184.

Part O: Records O198 through O201; O206, O208, O210.

Part P: Records P231 and P232.

A decision was also made at the same time to eliminate a number of very low amplitude accelerograms from further processing (Volume II, III, and IV) reflecting the expectation that the resulting displacement records will be dominated by noise. Their Caltech reference numbers are as follows:

H127; I140; J151, J152; K153 through K156, K161 through K165; O202, O203, O209, O211, O212; P224 through P230.

It is apparent in some of the displacement plots in the series of Volume II reports, particularly in the earlier parts, that some long period noise is still present in the published data. There are no components remaining with periods longer than the cut-off period of 14 seconds (and roll-off termination at 20 seconds), or in the case of 70- and 35-mm film records from the San Fernando earthquake, the cut-off of 8 seconds (and roll-off termination at 10 seconds), but it is evident that for some records these cut-off periods are in fact too long. The cause for this lies in the very low amplitude of acceleration for much of the duration of some of the records and the consequent lowering of the signal-to-noise ratio. This noise

arises primarily from random digitization noise, and is independent of the acceleration amplitudes. With this in mind, the displacement plots indicate that a cut-off period lower than 14 seconds, or 8 seconds as the case may be, should be used to remove these components from the acceleration data. It is clear, of course, that in routine processing of accelerograms, such as those mentioned above, it is not practical to examine each earthquake accelerogram in sufficient detail to permit selection of the cut-off period optimal for that particular record.

Availability of Reports and Data. All of the reports constituting the Volume II series mention specific references that discuss particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U.S. Department of Commerce
Springfield, Virginia 22151

Information on the availability and costs of punched cards and magnetic tapes containing this data, and the data from other volumes in the series, may be obtained from the National Information Service for Earthquake Engineering, the Earthquake Engineering Research Laboratory, California Institute of Technology.

Acknowledgments. We are grateful to the staff members of the Earthquake Engineering Research Laboratory who at all stages of the project continue to devote their time and attention to producing these reports and the corresponding cards and tapes. In particular we are indebted to Mr. Vincent Lee for carrying out the computing side of the project with such enthusiasm, to Miss Barbara Turner and Miss Sharon Vedrode for typing and editing, and to the staff of the Willis H. Booth Computing Center and the Graphic Arts Facilities. We appreciate the major support from the National Science Foundation that has made the entire project possible, and the continued contributions from the Earthquake Research Affiliates Program of the California Institute of Technology.

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INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

Series Ref.No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period T ₀ (sec)	Sens. * (cm/g)	Damp* Ratio, ε	Damp* % crit.
IIO198	71.069	RFT-250 158	141 L.A., Griffith Park Observatory, Moon Room	South West Down	0.046 0.047 0.046	1.9* 1.9* 1.9*	14.0 15.5 17.0	64.3 65.7 67.0
IIO199	71.072	SMA-1 146	469 L.A., 1625 Olympic Blvd., Ground Floor	N28E N62W Down	0.043 0.039 0.041	1.92 1.80 1.70	9.1 9.3 8.0	57.4 57.9 55.3
IIO200	71.075	SMA-1 147	470 L.A., 1625 Olympic Blvd., 6th Floor	N28E N62W Down	0.041 0.039 0.039	1.93 1.82 1.72	8.9 8.9 6.5	57.2 57.2 51.2
IIO201	71.090	SMA-1 145	471 L.A., 1625 Olympic Blvd., 10th Floor	N28E N62W Down	0.040 0.040 0.039	1.82 1.91 1.81	9.5 9.5 8.1	58.3 58.2 55.5
IIO204	71.149	Standard 4-M	131 Long Beach, 215 W. Broadway, Utilities Building	North East Up	0.066 0.066 0.066	13.1 13.2 13.0	10 10 8	59.2 59.2 55.2
IIO205	71.154	Standard 130	130 Long Beach Terminal Island	N21W S69W Up	0.067 0.068 0.068	13.3 14.1 14.2	10 10 8	59.2 59.2 55.2
IIO206	71.158	RFT-250 140	274 San Bernardino Hall of Records	North East Down	0.046 0.048 0.046	1.9* 1.9* 1.9*	14.1 8.2 12.7	64.4 55.7 62.9
IIO207	71.175	Standard 79M	121 Fairmont Reservoir Fairmont	N56E N34W Up	0.076 0.076 0.076	16.7 17.4 16.6	12 12 11	62.2 62.2 60.7

*See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (cont.)

Series Ref.No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period T ₀₁ (sec)	Sens.* (cm/g)	Damp* Ratio,ε	Damp* %crit.
IIO208	71.176	RFT-250 183	282 Santa Barbara University of California	N42E S48E Up	0.045 0.045 0.046	1.9* 1.9* 1.9*	9.6 9.2 13.3	58.4 57.6 63.6
IIO210	71.234	RFT-250 159	123 Hemet Fire Station Hose Storage Room	S45E S45W Down	0.045 0.046 0.048	1.9* 1.9* 1.9*	10.0 13.4 13.0	59.1 63.7 63.2
IIO213	71.246	C&GS B-1	292 Hoover Dam 1215 Gallery	S45E S45W Up	0.080 0.080 0.082	19.3 19.4 19.7	9 11 11	57.4 60.7 60.7
IIP214	71.053	AR-240 260	226 L.A., 4867 Sunset Blvd. Basement	S89W S01E Down	0.049 0.047 0.049	7.6* 7.6* 7.6*	9.1 9.4 9.7	57.5 58.0 58.5
IIP215	71.054	AR-240 286	227 L.A., 4867 Sunset Blvd. 2nd Floor	N89E S01E Down	0.051 0.049 0.048	7.6* 7.6* 7.6*	7.8 8.0 9.5	54.7 55.2 58.1
IIP216	71.055	AR-240 282	228 L.A., 4867 Sunset Blvd. 7th Floor	S01E S89W Down	0.048 0.052 0.048	7.6* 7.6* 7.6*	8.3 8.9 8.9	55.7 57.0 57.0
IIP217	71.108	AR-240 300	196 L.A., 3345 Wilshire Blvd. Basement	South East Down	0.048 0.047 0.047	7.6* 7.6* 7.6*	8.2 7.9 8.3	55.5 54.9 55.8
IIP218	71.109	AR-240 298	197 L.A., 3345 Wilshire Blvd. 2nd Floor	South East Down	0.049 0.049 -	7.6* 7.6* -	8.0 9.4 -	55.1 58.0 -

*See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (cont.)

Series Ref.No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period T ₀ (sec)	Sens.* (cm/g)	Damp* Ratio,ε	Damp* %crit.
IIP219	71.110	AR-240 299	198 L.A., 3345 Wilshire Blvd. 12th Floor	South East Down	0.047 0.047 0.046	7.6* 7.6* 7.6*	8.2 8.6 9.9	55.5 56.4 58.9
IIP220	71.148	AR-240 184	114 Costa Mesa, 666 W. 19th St. Ground Floor	South East Down	0.050 0.050 0.050	7.6* 7.6* 7.6*	10 10 10	59.2 59.2 59.2
IIP221	71.150	AR-240 240	104 Arcadia, Santa Anita Reservoir	N03E N87W Down	0.051 0.051 0.052	7.6* 7.6* 7.6*	9 10 10	57.4 59.2 59.2
IIP222	71.151	Standard 1-A	272 Port Hueneme Navy Laboratory	South West Up	0.080 0.081 0.081	19.5 19.8 19.6	9 10 10	57.4 59.2 59.2
IIP223	71.153	AR-240 178	278 San Dimas, Puddingstone Reservoir	N55E N35W Down	0.052 0.052 0.051	7.6* 7.6* 7.6*	10 10 10	59.2 59.2 59.2
IIP231	71.160	MO-2 88	247 L.A., 9841 Airport Blvd. Basement	North West Up	0.03* 0.03* 0.03*	1.65 1.72 2.35	10* 10* 10*	59.2* 59.2* 59.2*
IIP232	71.161	MO-2 98	249 L.A., 9841 Airport Blvd. 15th Floor	North West Up	0.03* 0.03* 0.03*	1.60 1.60 2.40	10* 10* 10*	59.2* 59.2* 59.2*

* Static Magnification, $V_s = \omega_n^2 \cdot \text{Sensitivity} = \left[\frac{2\pi}{T_0(\text{sec})} \right]^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 \text{ (cm/sec}^2\text{/g)}}$

Asterisked sensitivities are nominal values.

Footnotes continued on next page.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (Cont.)

Footnotes continued:

Damping Ratio, $\epsilon = \exp[\pi n / \sqrt{(1 - n^2)}]$ where n is the fraction of critical damping.

Periods and damping values have been obtained by direct measurement of the calibration test records appearing at the beginning and end of the earthquake records. If none were present, the data were taken from the Seismological Field Survey's appropriate list of instrumental characteristics (January, 1970).

The component direction is that of pendulum motion for the trace to be deflected "up" on the original record, as described in the Notes. Thus, for the Volume II data listed in this report, with the y-axis reversal, the ground acceleration is positive when it is in the direction given by the Component Direction column.

EARTHQUAKE DATA

The San Fernando, California, Earthquake of February 9, 1971,
0600 PST; epicenter, $34^{\circ}24.7'N$, $118^{\circ}24.0'W$; * maximum intensity, XI;
revised magnitude (M_L), 6.4; depth, 13.0 km.

*Latest revised epicenter location.

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INDEX OF EARTHQUAKE RECORDS

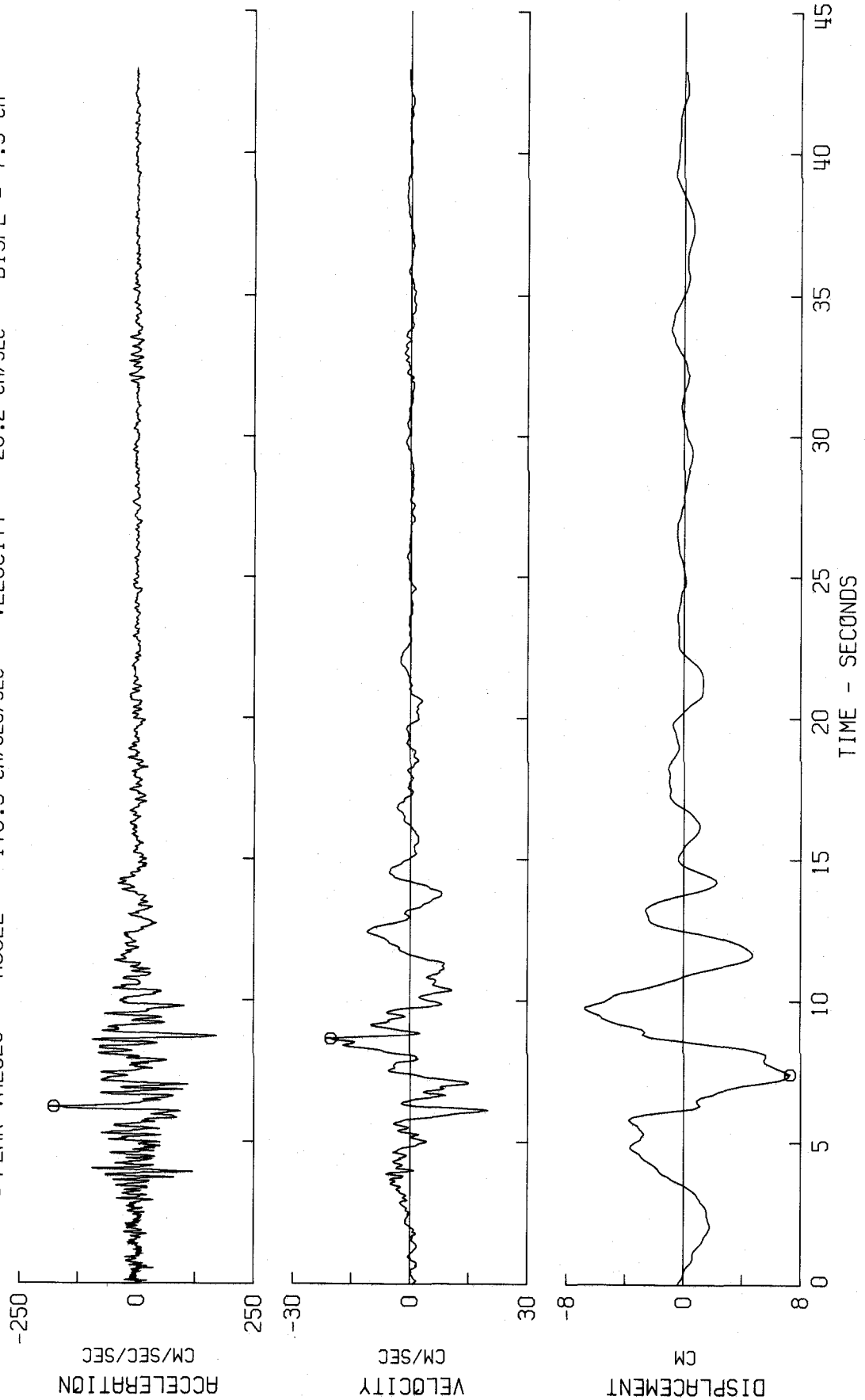
VOLUME II, PARTS O AND P

<u>Records</u>	<u>Plot</u>	<u>Print-Out</u>
San Fernando Earthquake, February 9, 1971 - 0600 PST		
IIO198; Griffith Park Observatory, Los Angeles, Calif.; Moon Room; South, West, Down	19	87
IIO199; 1625 Olympic Boulevard, Los Angeles, Calif.; Ground Floor; N28E, N62W, Down	22	96
IIO200; 1625 Olympic Boulevard, Los Angeles, Calif.; 6th Floor; N28E, N62W, Down	25	105
IIO201; 1625 Olympic Boulevard, Los Angeles, Calif.; 10th Floor; N28E, N62W, Down	28	108
IIO204; 215 W. Broadway, Long Beach, Calif.; Utilities Building; North, East, Up	31	117
IIO205; Terminal Island, Long Beach, Calif.; N21W, S69W, Up	34	129
IIO206; Hall of Records, San Bernardino, Calif.; North, East, Down	37	147
IIO207; Fairmont Reservoir, Fairmont, Calif.; N56E, N34W, Up	40	156
IIO208; University of California, Santa Barbara, Calif.; N42E, S48E, Up	43	168
IIO210; Hemet Fire Station, Hemet, Calif.; Hose Storage Room; S45E, S45W, Down	46	180
IIO213; Hoover Dam; 1215 Gallery; S45E, S45W, Up	49	189
IIP214; 4867 Sunset Boulevard, Los Angeles, Calif.; Basement; S89W, S01E, Down	52	195
IIP215; 4867 Sunset Boulevard, Los Angeles, Calif.; 2nd Floor; N89E, S01E, Down	55	204
IIP216; 4867 Sunset Boulevard, Los Angeles, Calif.; 7th Floor; S01E, S89W, Down	58	213
IIP217; 3345 Wilshire Boulevard, Los Angeles, Calif.; Basement; South, East, Down	61	222
IIP218; 3345 Wilshire Boulevard, Los Angeles, Calif.; 2nd Floor; South, East	64	231

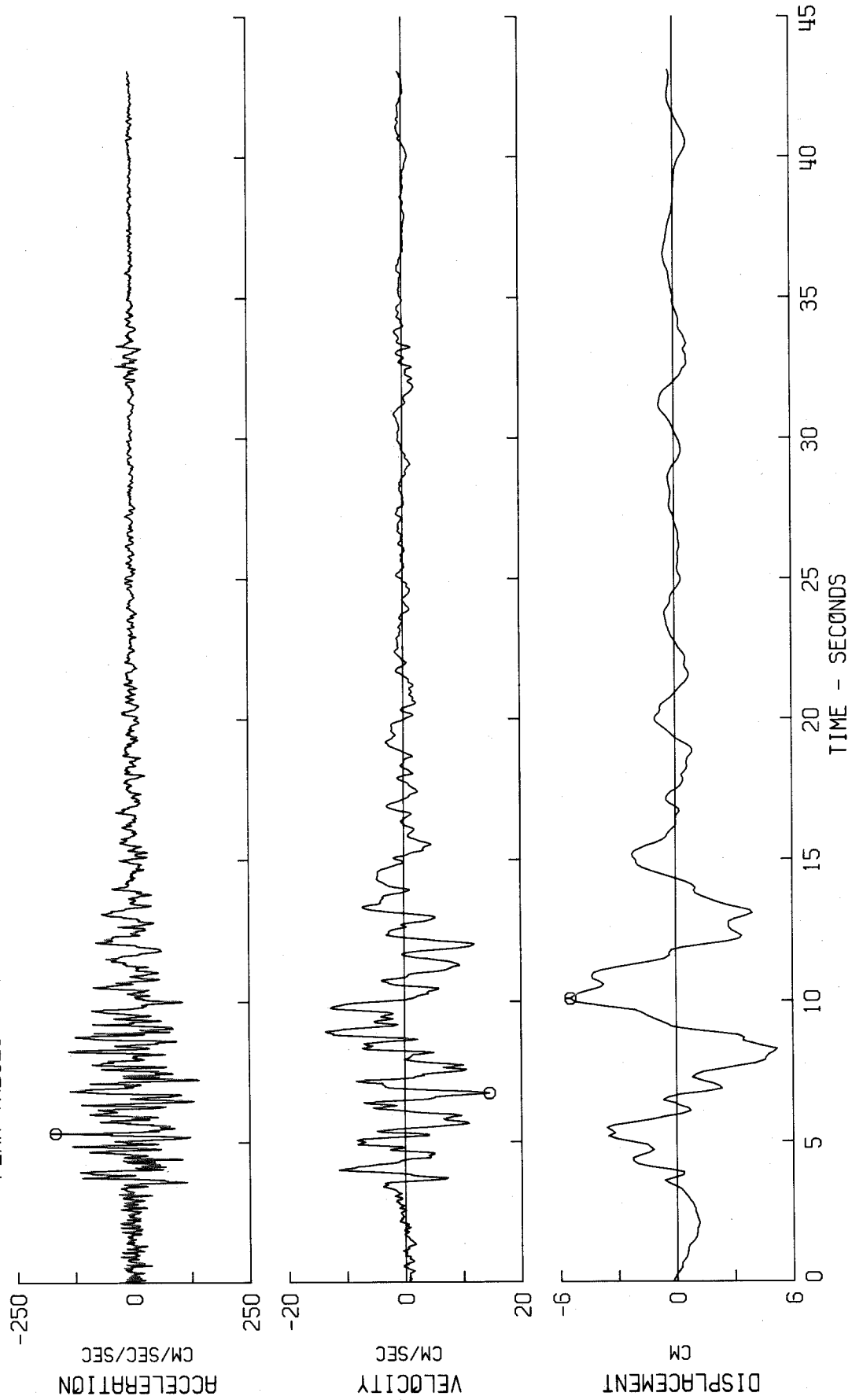
INDEX OF EARTHQUAKE RECORDS (CONT.)

	<u>Records</u>	<u>Plot</u>	<u>Print-Out</u>
IIP219;	3345 Wilshire Boulevard, Los Angeles, Calif.; 12th Floor; South, East, Down	66	237
IIP220;	666 W. 19th St., Costa Mesa, Calif.; Ground Floor; South, East, Down	69	246
IIP221;	Santa Anita Reservoir, Arcadia, Calif.; N03E, N87W, Down	72	258
IIP222;	Navy Laboratory, Port Hueneme, Calif.; South, West, Up	75	264
IIP223;	Puddingstone Reservoir, San Dimas, Calif.; N55E, N35W, Down	78	276
IIP231;	9841 Airport Boulevard, Los Angeles, Calif.; Basement; North, West, Up	81	282
IIP232;	9841 Airport Boulevard, Los Angeles, Calif.; 15th Floor; North, West, Up	84	291

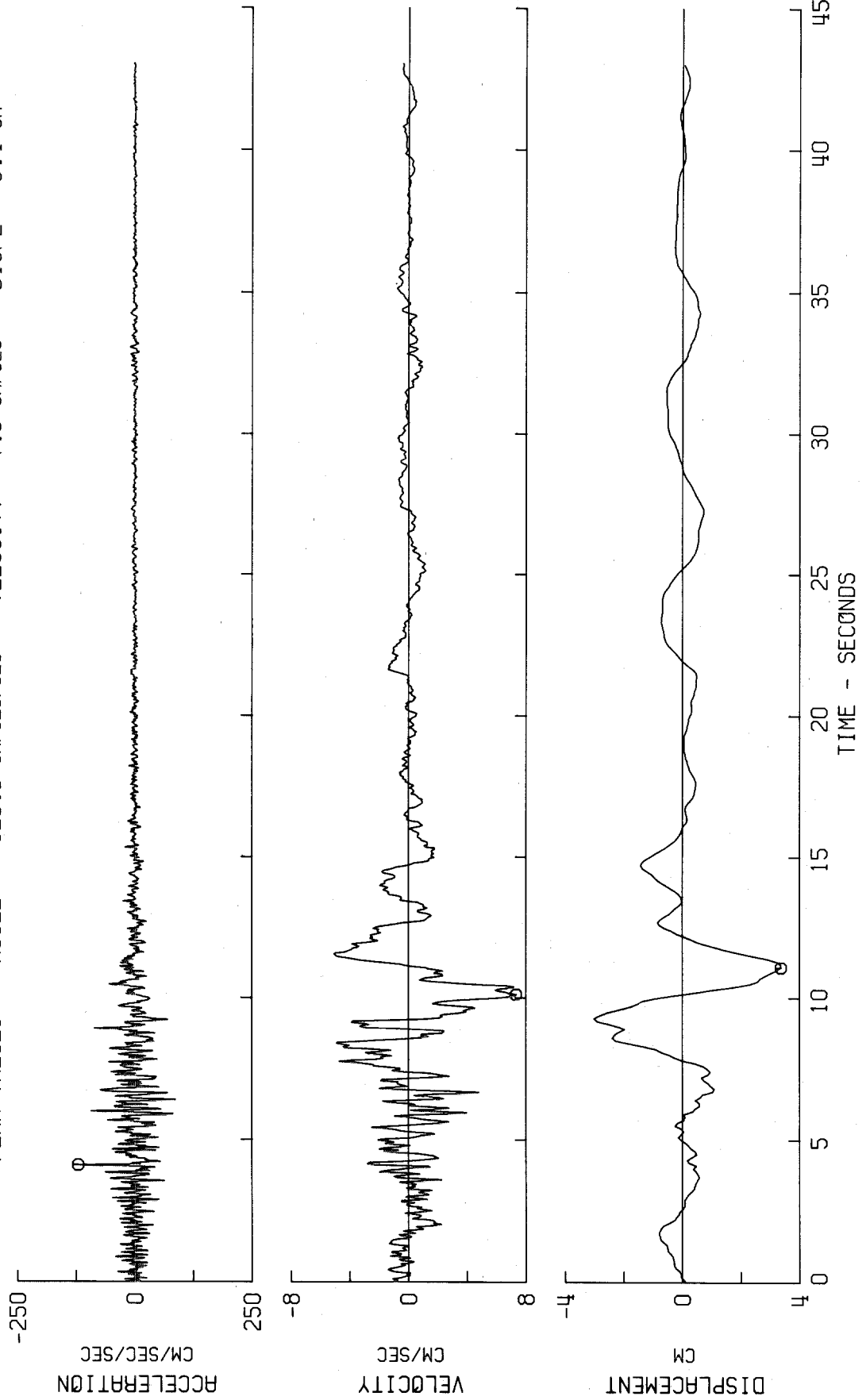
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110198 71.069.0 GRIFFITH PARK OBSERVATORY, MOON ROOM, LOS ANGELES, CAL. COMP S00W
O PEAK VALUES : ACCEL = -176.9 CM/SEC/SEC VELOCITY = -20.2 CM/SEC DISPL = 7.3 CM



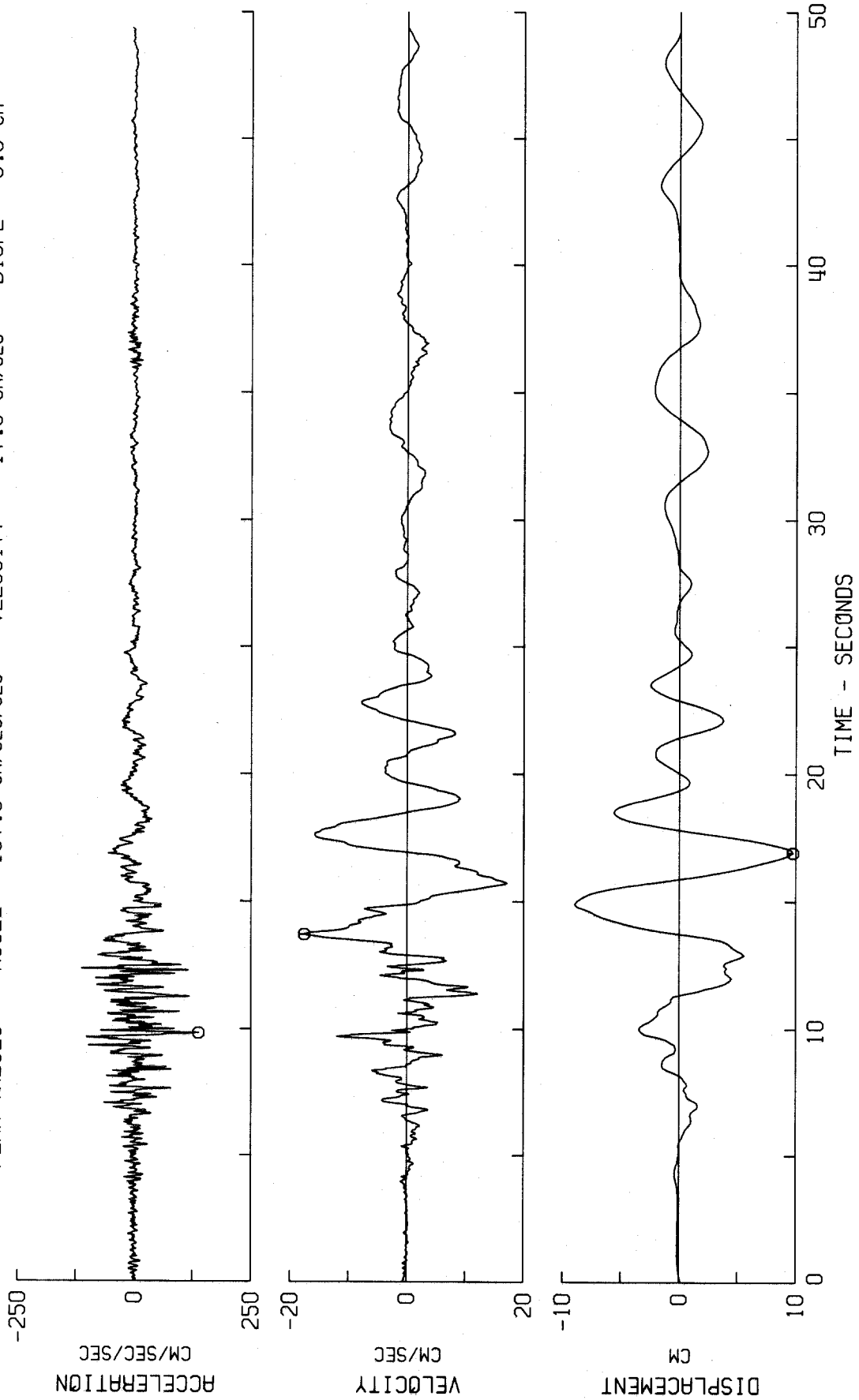
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110198 71.069.0 GRIFFITH PARK OBSERVATORY, MOON ROOM, LOS ANGELES, CAL. COMP S90W
⊙ PEAK VALUES : ACCEL = -167.4 CM/SEC/SEC VELOCITY = 14.6 CM/SEC DISPL = -5.4 CM



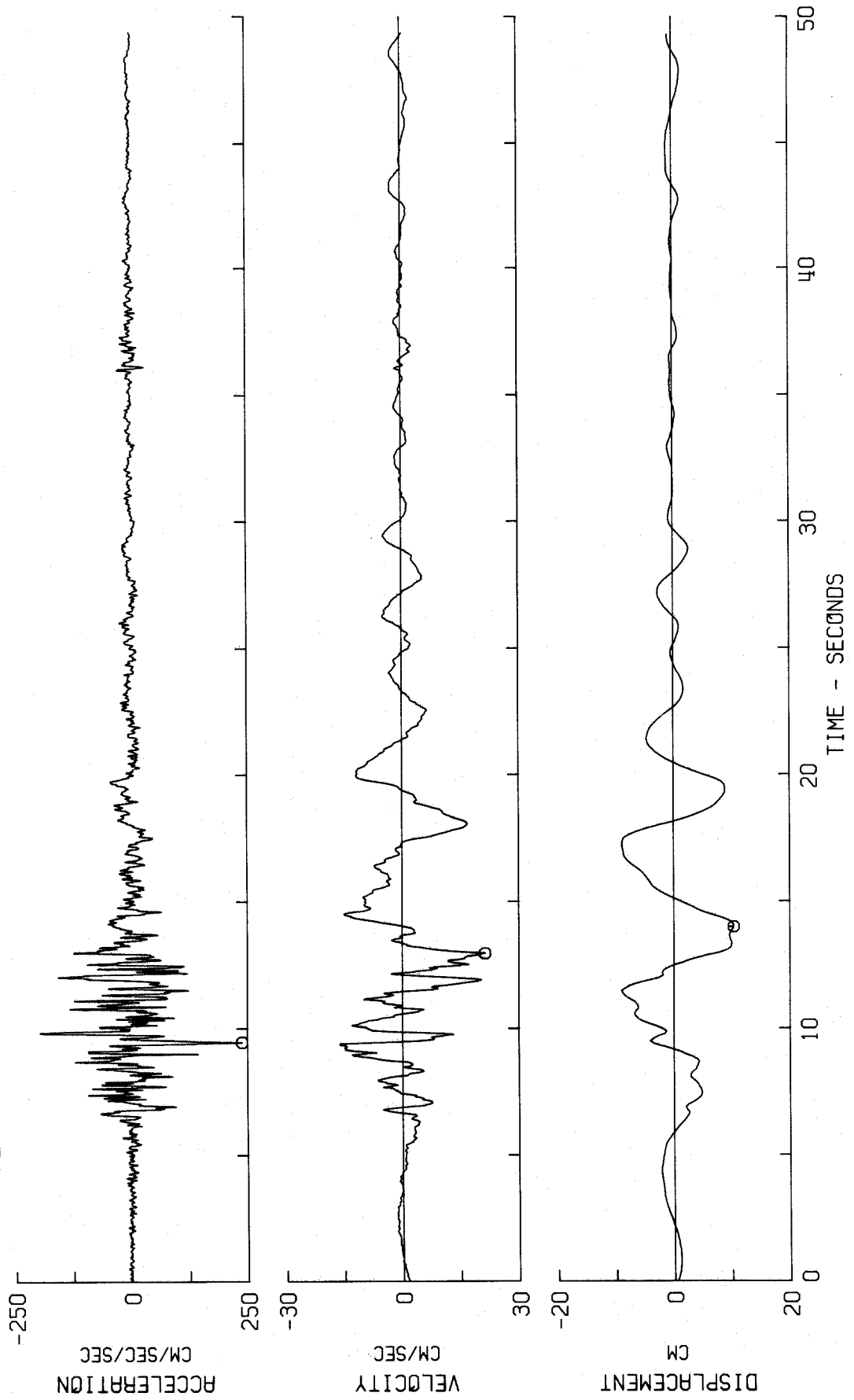
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110198 71.069.0 GRIFFITH PARK OBSERVATORY, MOON ROOM, LOS ANGELES, CAL. COMP DOWN
O PEAK VALUES : ACCEL = -120.3 CM/SEC/SEC VELOCITY = 7.3 CM/SEC DISPL = 3.4 CM



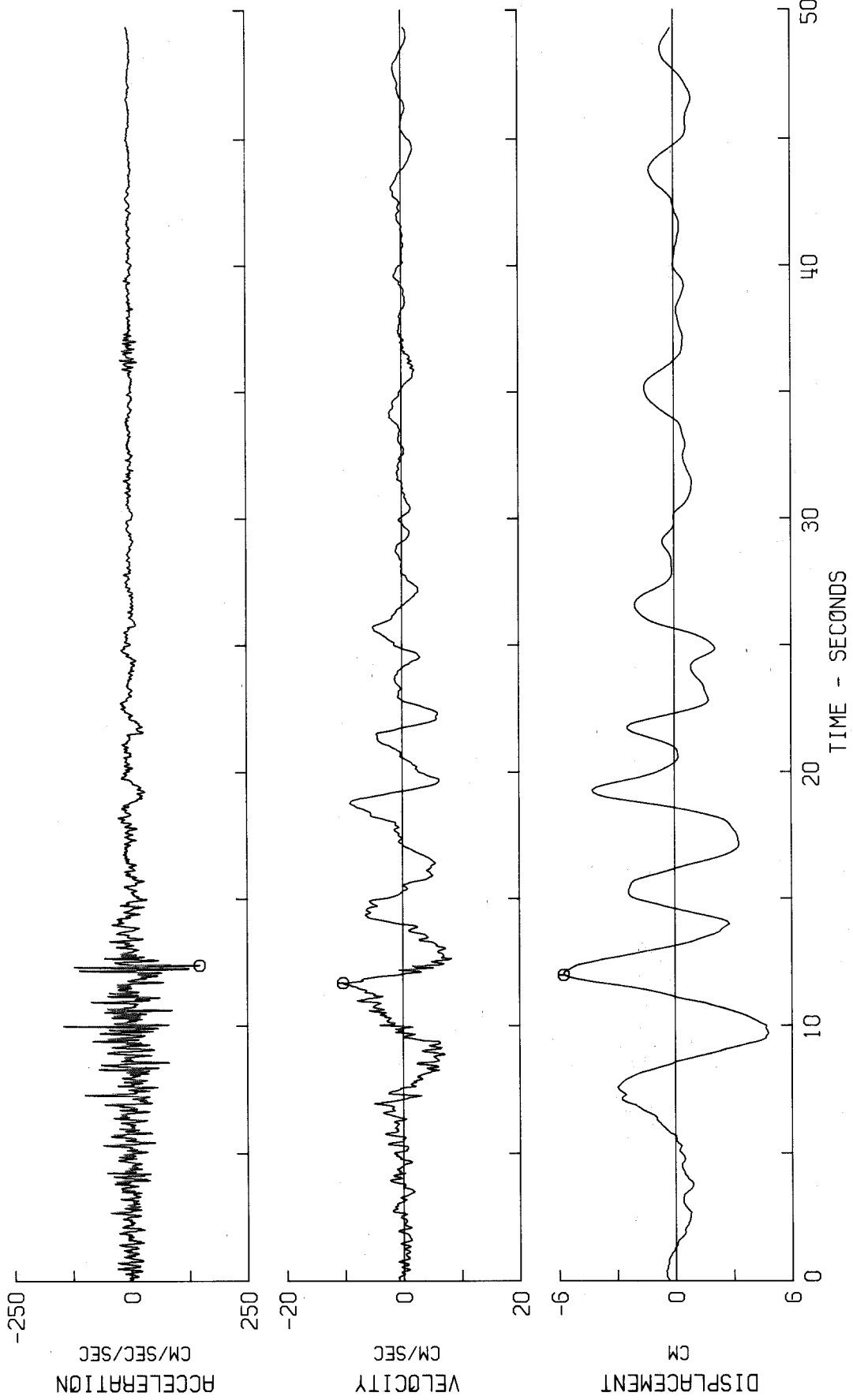
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110199 71.072.0 1625 OLYMPIC BLVD., GROUND FLOOR, LOS ANGELES, CAL. COMP N28E
PEAK VALUES : ACCEL = 137.9 CM/SEC/SEC VELOCITY = -17.6 CM/SEC DISPL = 9.8 CM



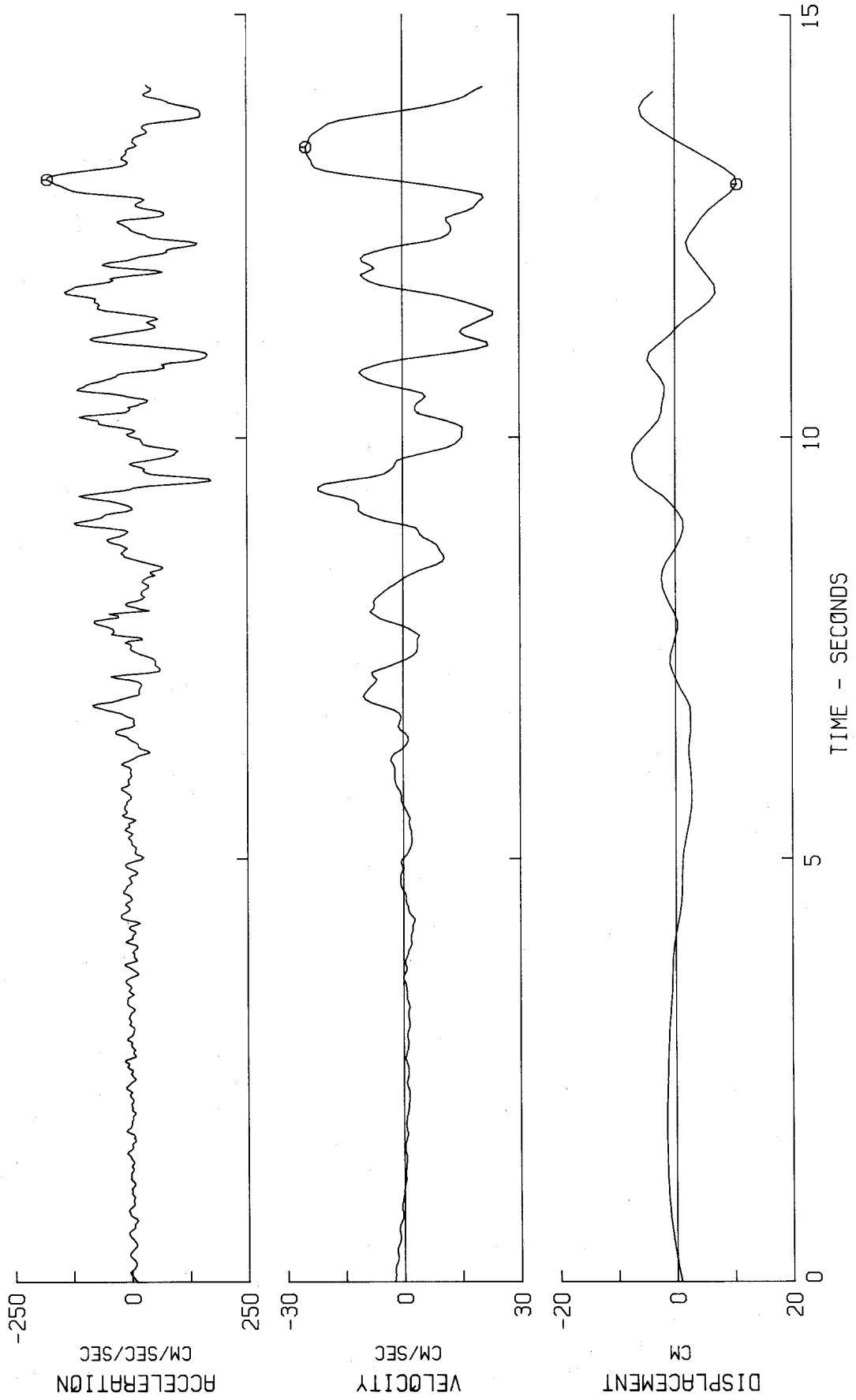
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110199 71.072.0 1625 OLYMPIC BLVD., GROUND FLOOR, LOS ANGELES, CAL. COMP N62W
Ø PEAK VALUES : ACCEL = 238.8 CM/SEC/SEC VELOCITY = 21.3 CM/SEC DISPL = 10.3 CM



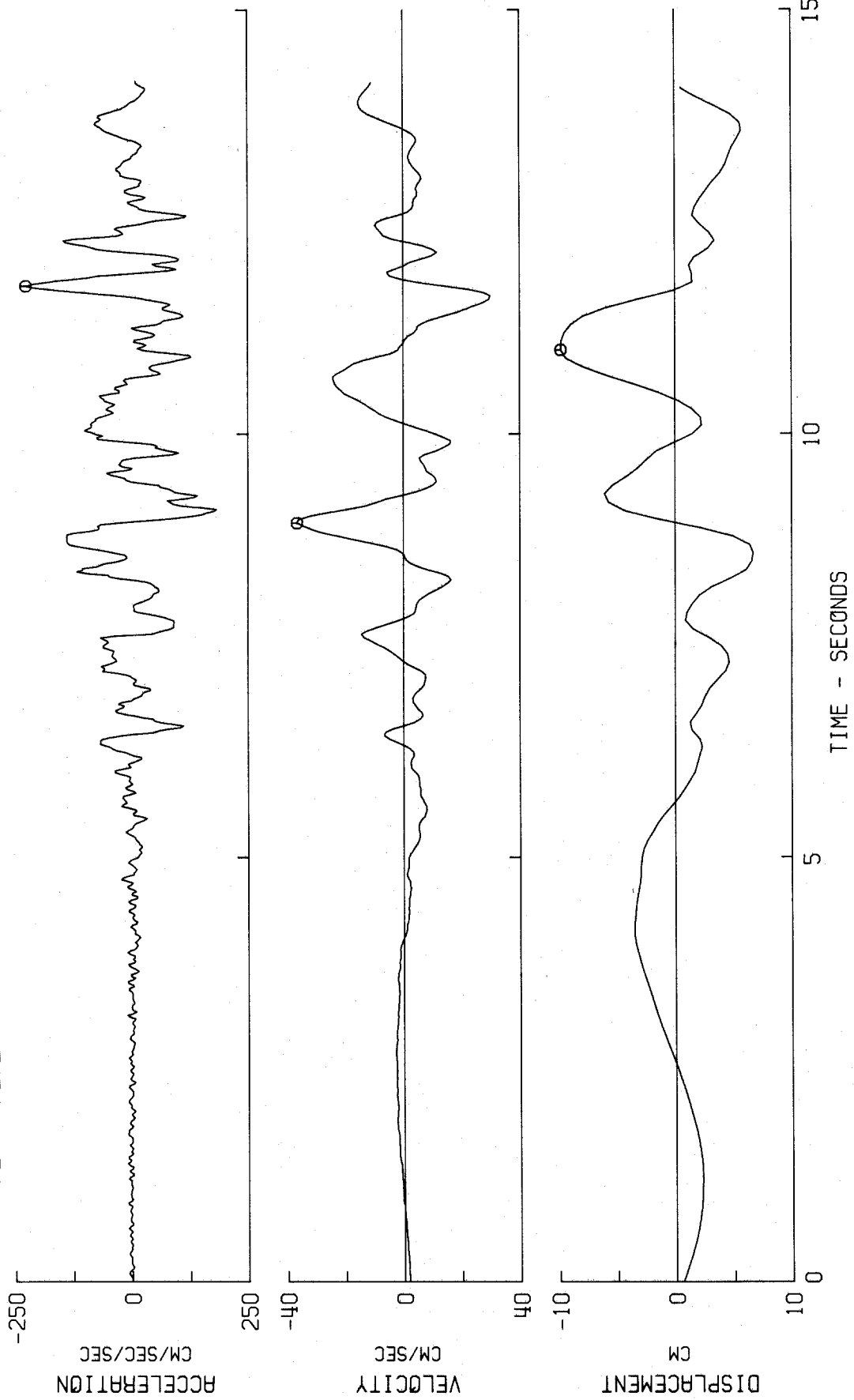
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110199 71.072.0 1625 OLYMPIC BLVD., GROUND FLOOR, LOS ANGELES, CAL. COMP DOWN
O PEAK VALUES : ACCEL = 148.2 CM/SEC/SEC VELOCITY = -10.3 CM/SEC DISPL = -5.7 CM



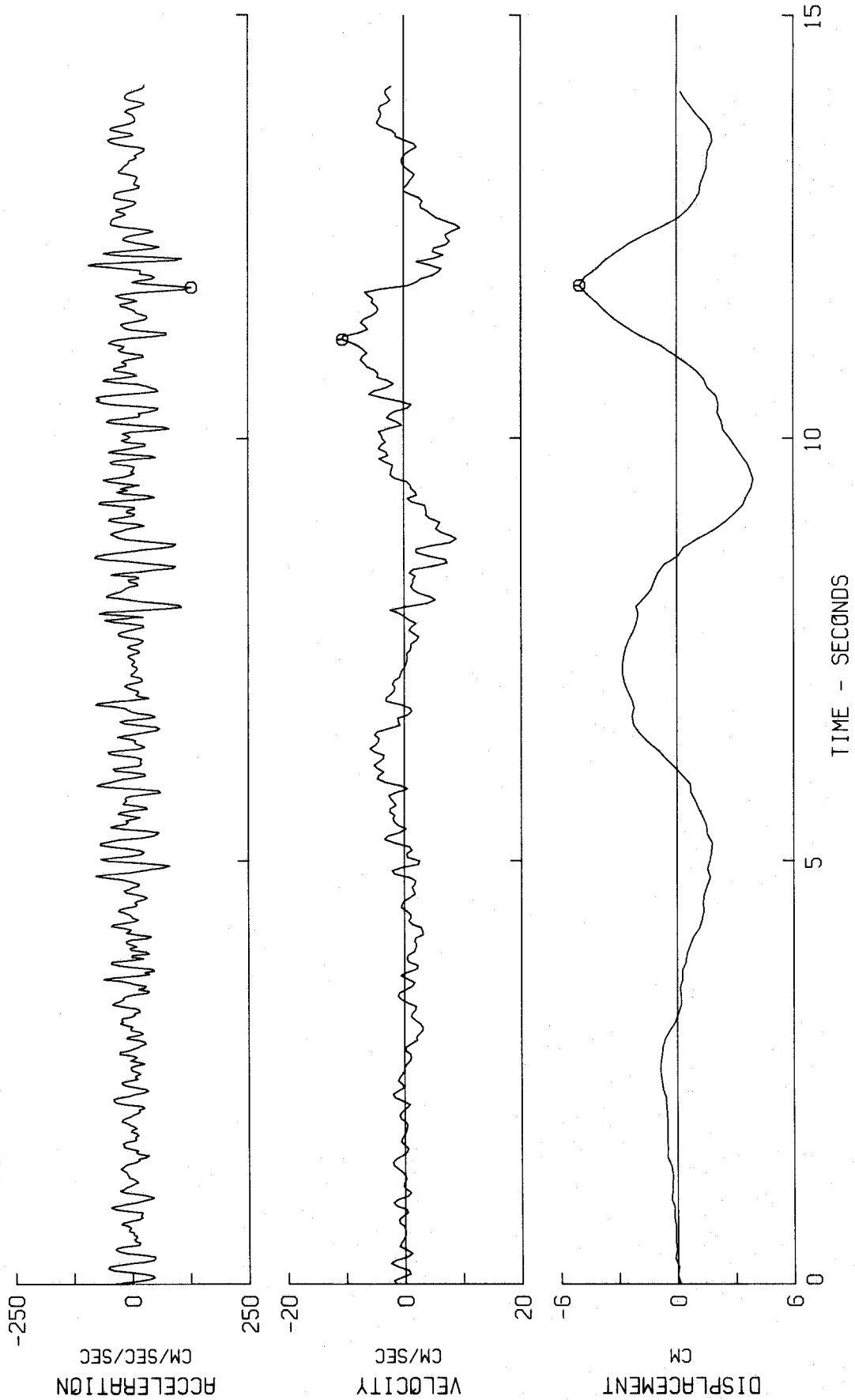
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110200 71.075.0 1625 OLYMPIC BLVD., 6TH FLOOR, LOS ANGELES, CAL. COMP N28E
PEAK VALUES : ACCEL = -176.3 CM/SEC/SEC VELOCITY = -24.8 CM/SEC DISPL = 10.7 CM



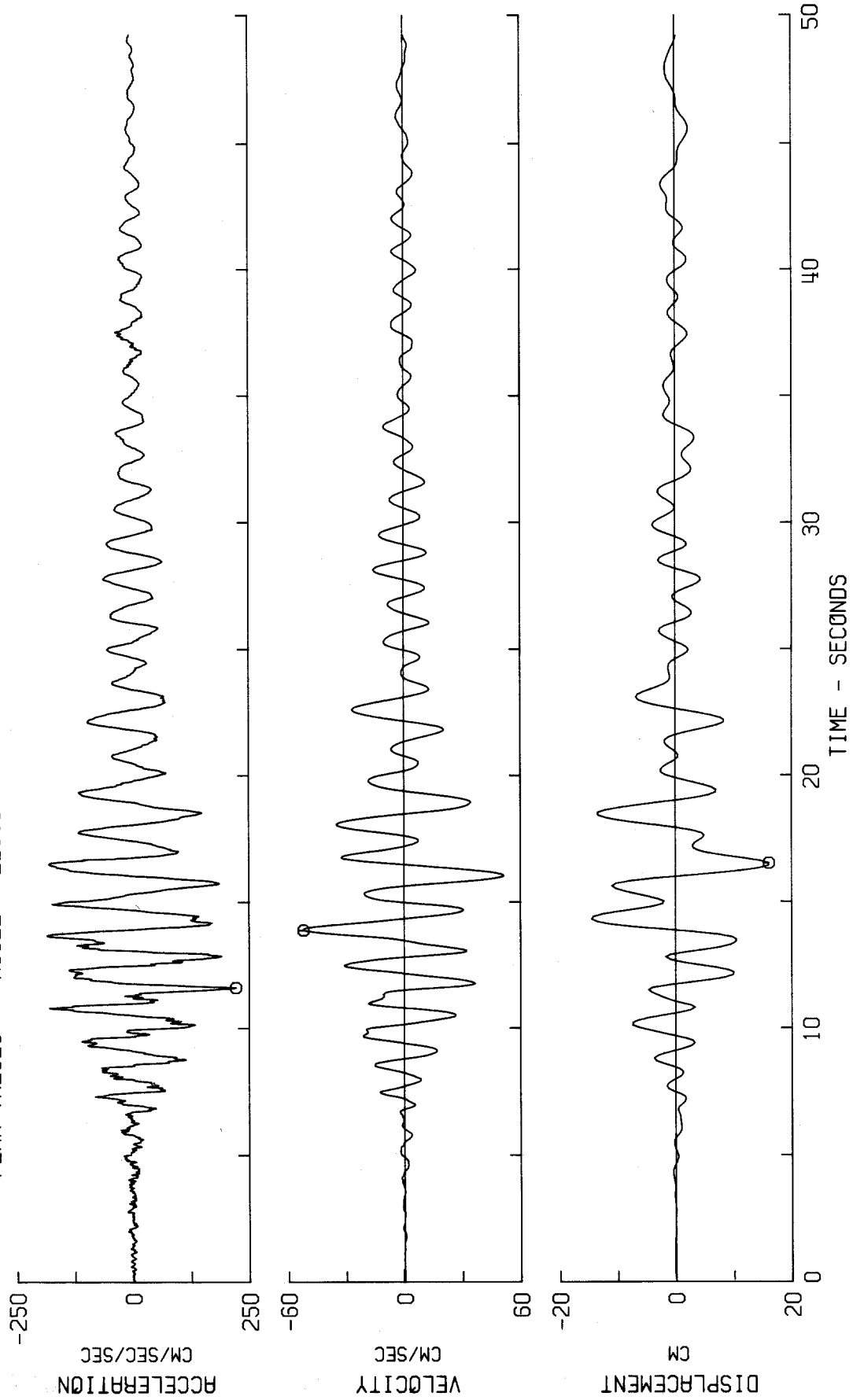
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110200 71.075.0 1625 OLYMPIC BLVD., 6TH FLOOR, LOS ANGELES, CAL. COMP N62W
PEAK VALUES : ACCEL = -226.7 CM/SEC/SEC VELOCITY = -36.6 CM/SEC DISPL = -9.8 CM



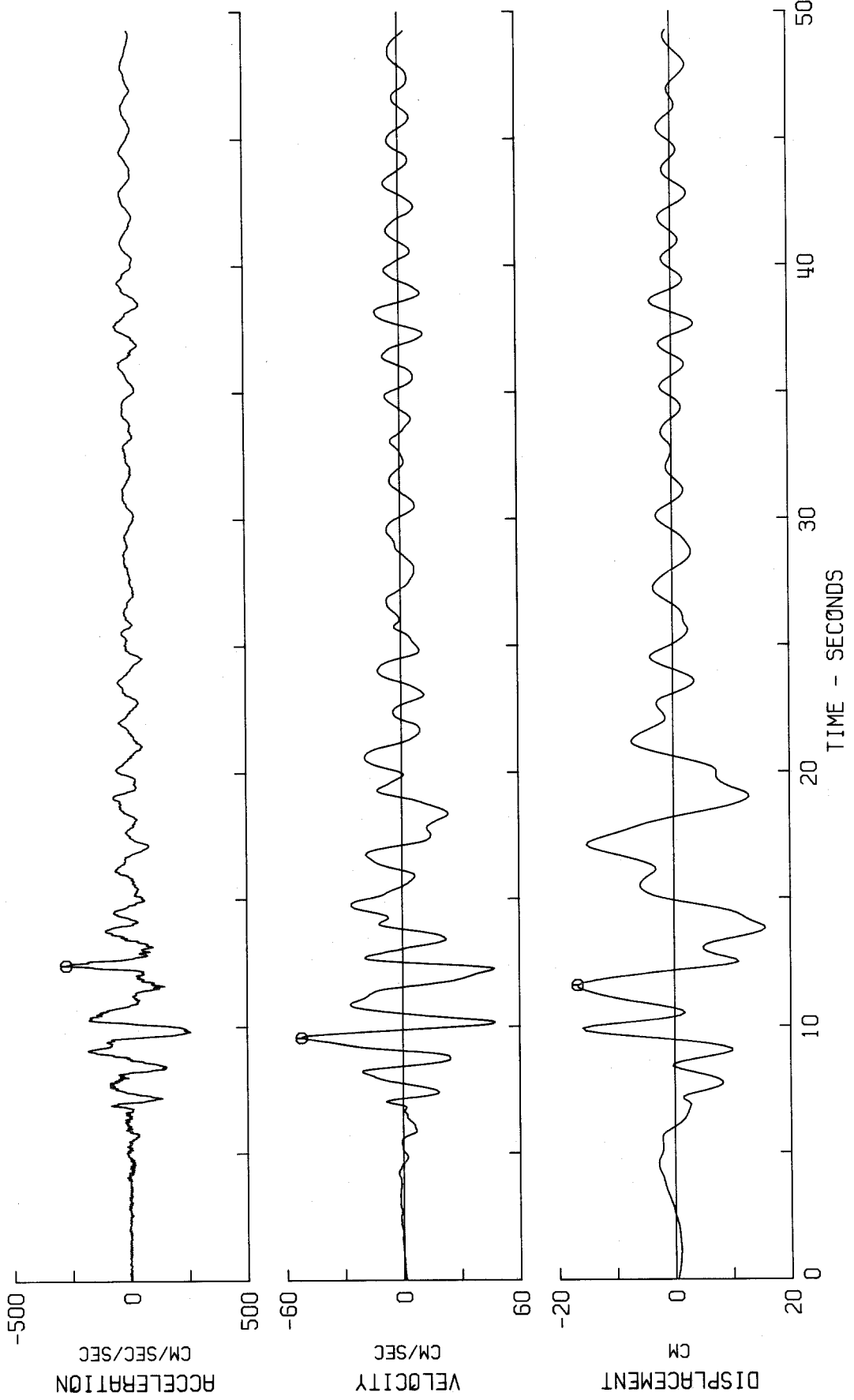
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110200 71.075.0 1625 OLYMPIC BLVD., 6TH FLOOR, LOS ANGELES, CAL. COMP DOWN
o PEAK VALUES : ACCEL = 129.0 CM/SEC/SEC VELOCITY = -10.5 CM/SEC DISPL = -5.0 CM



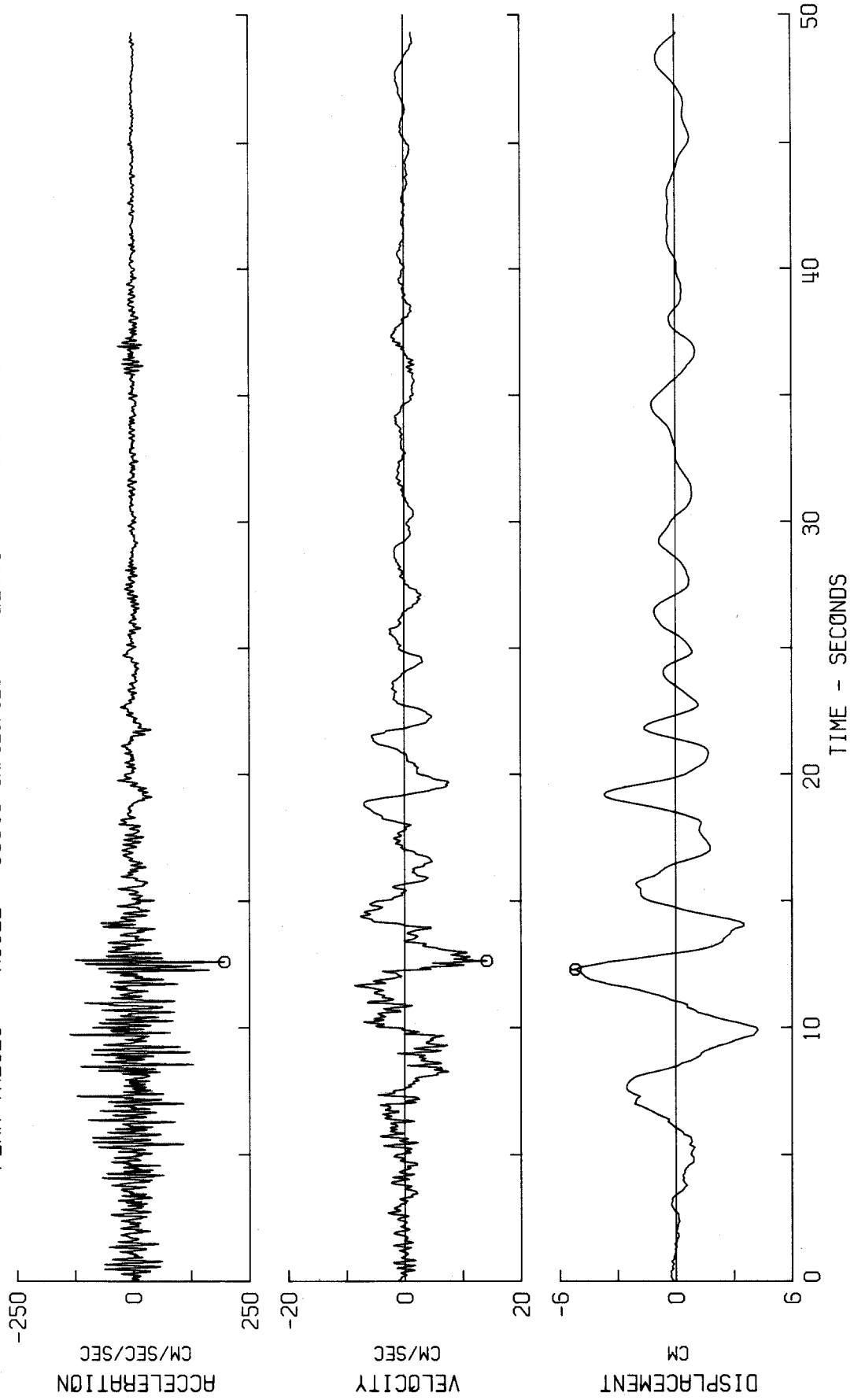
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II0201 71.090.0 1625 OLYMPIC BLVD., 10TH FLOOR, LOS ANGELES, CAL. COMP N28E
⊙ PEAK VALUES : ACCEL = 221.9 CM/SEC/SEC VELOCITY = -51.9 CM/SEC DISPL = 16.1 CM



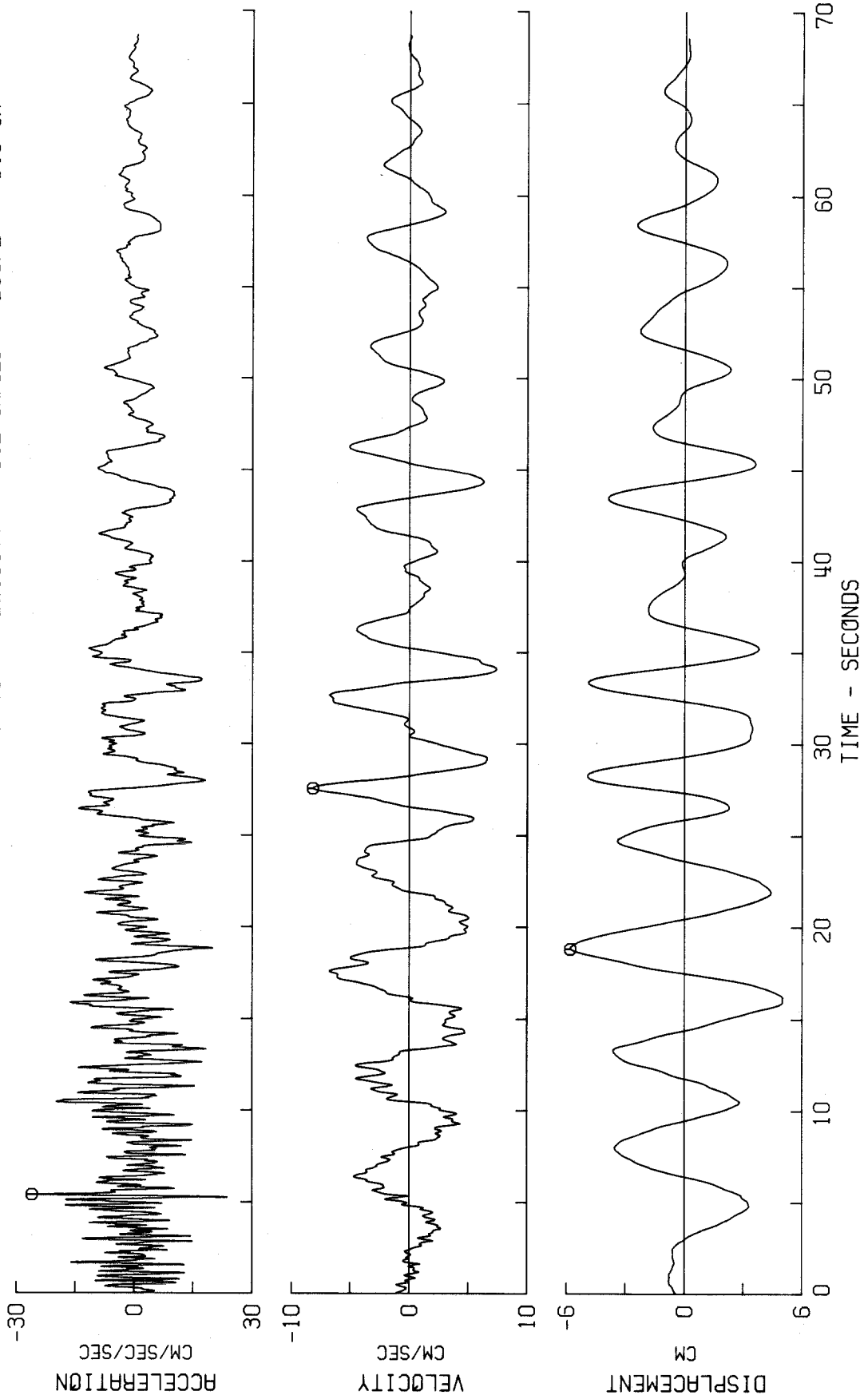
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110201 71.090.0 1625 OLYMPIC BLVD., 10TH FLOOR, LOS ANGELES, CAL. COMP N62W
PEAK VALUES : ACCEL = -273.8 CM/SEC/SEC VELOCITY = -52.1 CM/SEC DISPL = -16.6 CM



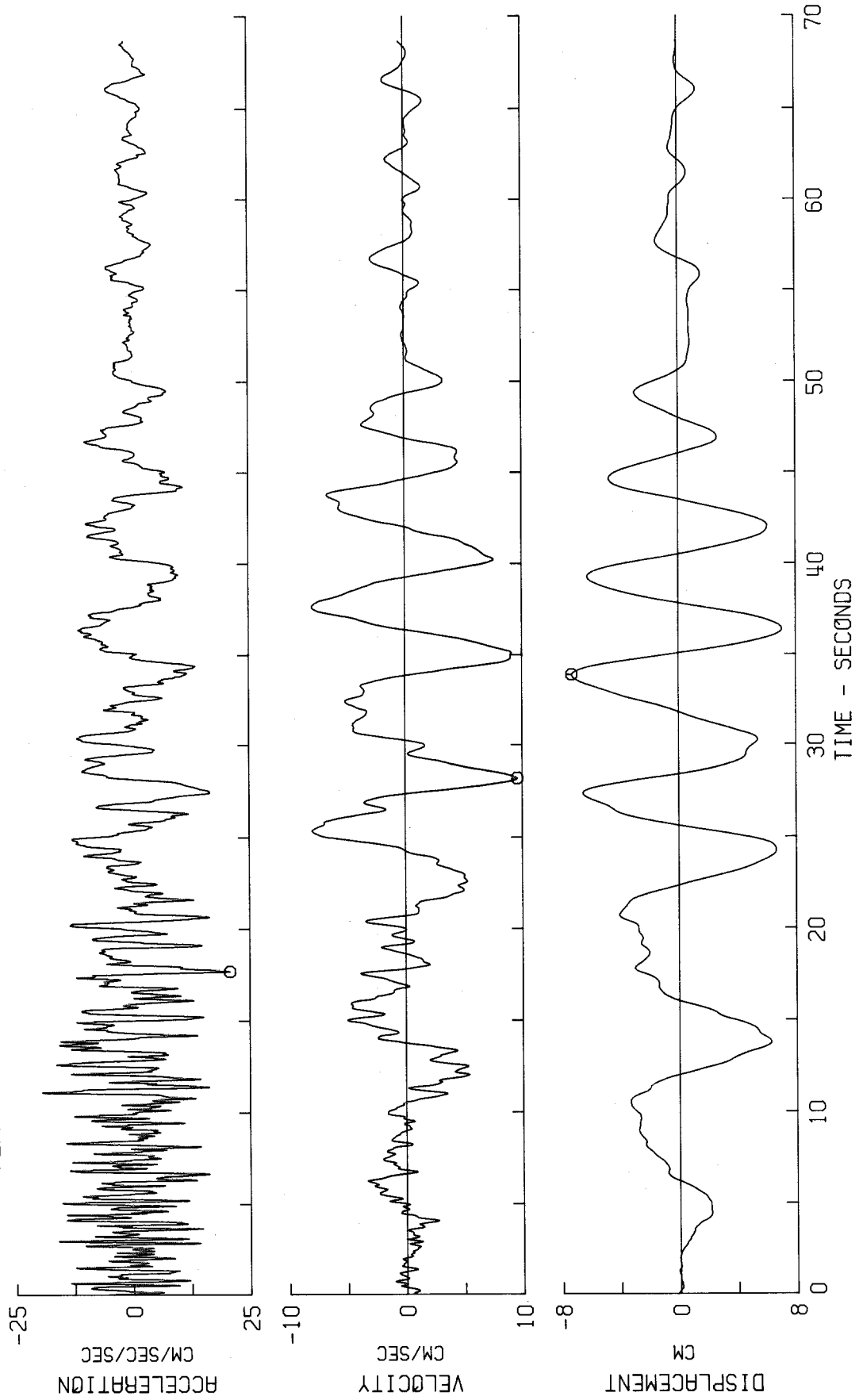
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110201 71.090.0 1625 OLYMPIC BLVD., 10TH FLOOR, LOS ANGELES, CAL. COMP DOWN
PEAK VALUES : ACCEL = 196.5 CM/SEC/SEC VELOCITY = 14.2 CM/SEC DISPL = -5.2 CM



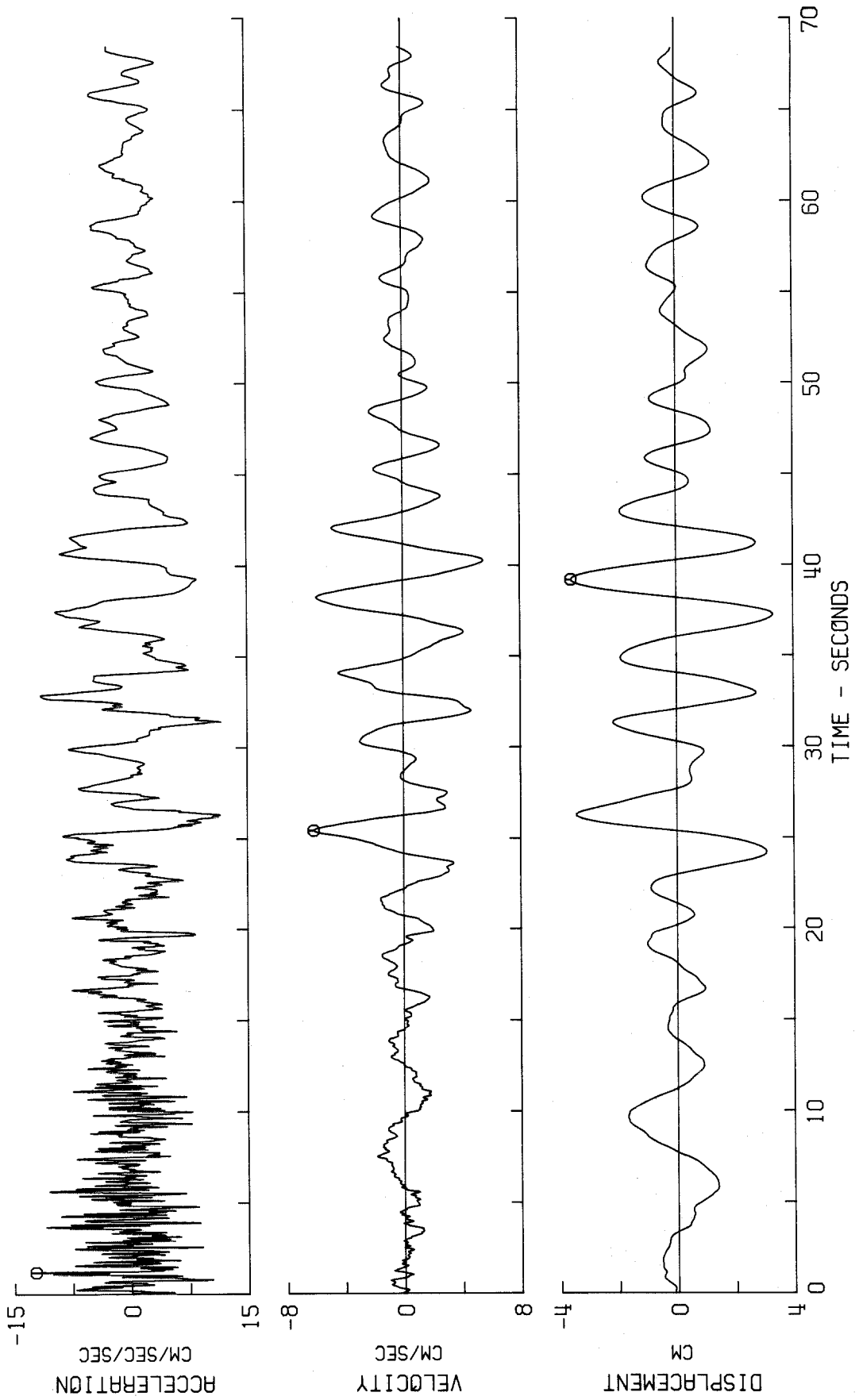
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110204 71.149.0 215 WEST BROADWAY, UTILITIES BUILDING, LONG BEACH, CAL. COMP NO0E
⊙ PEAK VALUES : ACCEL = -26.0 CM/SEC/SEC VELOCITY = -8.2 CM/SEC DISPL = -5.8 CM



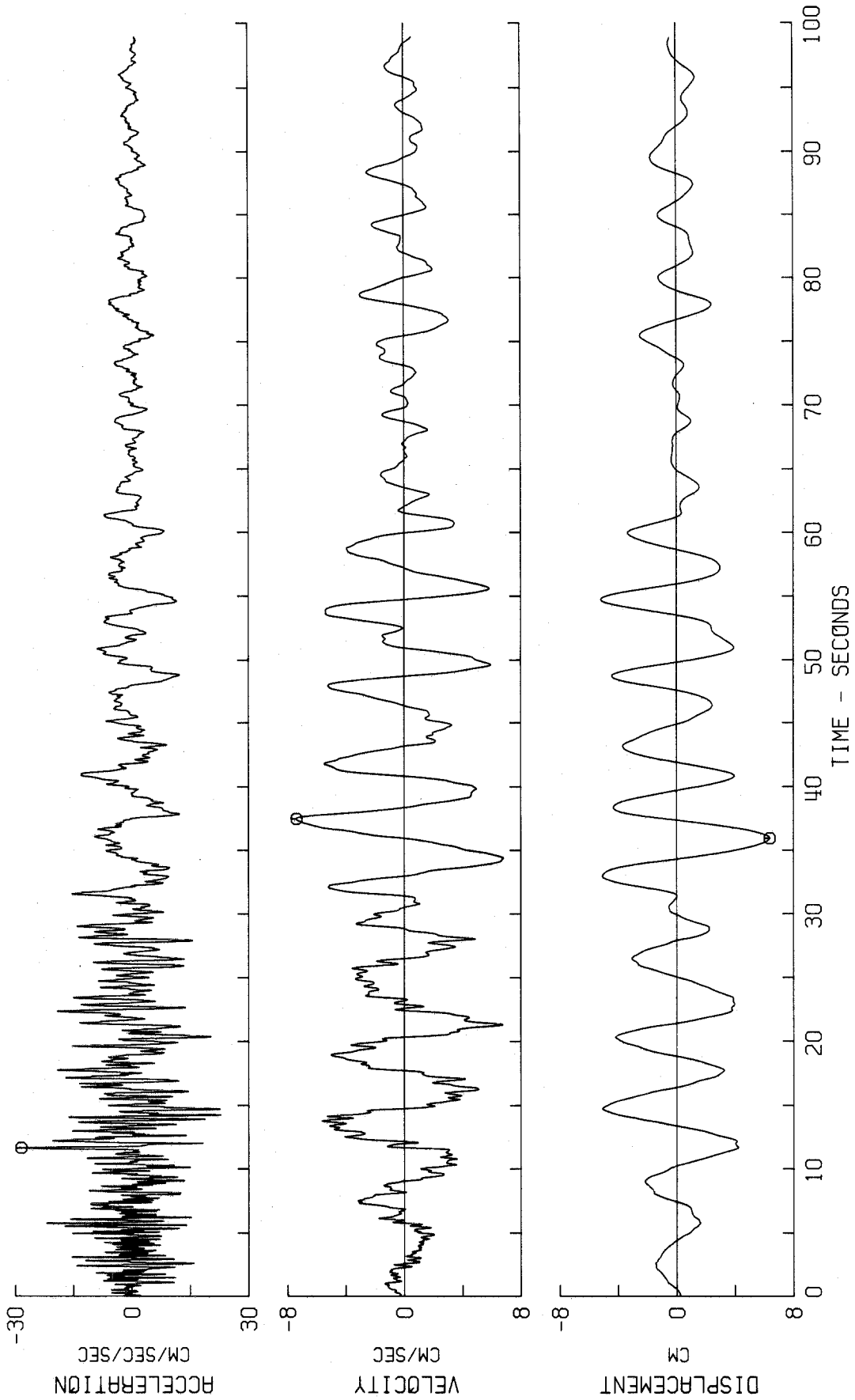
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110204 71.149.0 215 WEST BROADWAY, UTILITIES BUILDING, LONG BEACH, CAL. COMP N90E
o PEAK VALUES : ACCEL = 20.8 CM/SEC/SEC VELOCITY = 9.6 CM/SEC DISPL = -7.3 CM



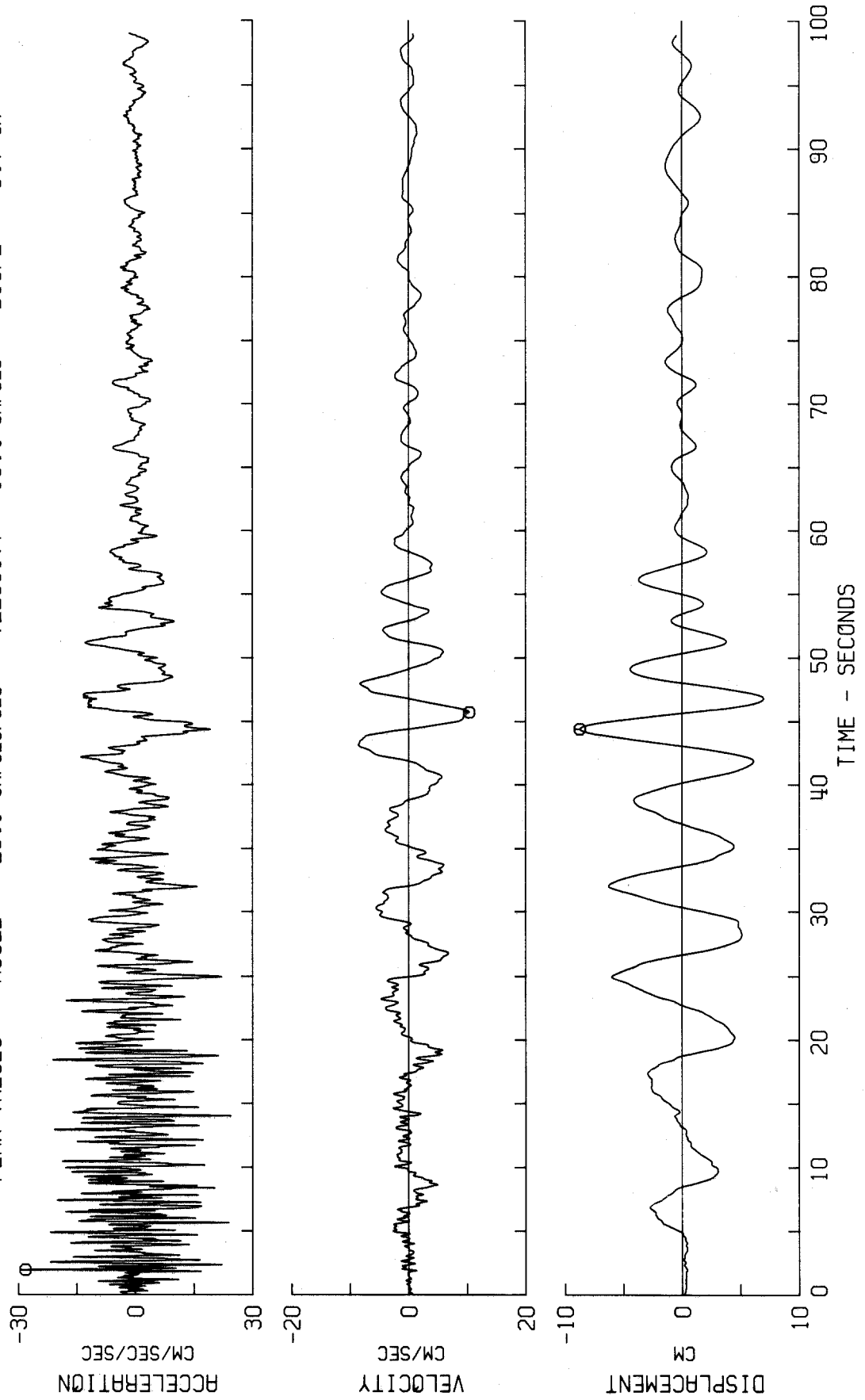
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110204 71.149.0 215 WEST BROADWAY, UTILITIES BUILDING, LONG BEACH, CAL. COMP UP
Ø PEAK VALUES : ACCEL = -12.3 CM/SEC/SEC VELOCITY = -6.1 CM/SEC DISPL = -3.6 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110205 71.154.0 TERMINAL ISLAND, LONG BEACH, CAL. COMP N21W
PEAK VALUES : ACCEL = -28.4 CM/SEC/SEC VELOCITY = -7.4 CM/SEC DISPL = 6.4 CM



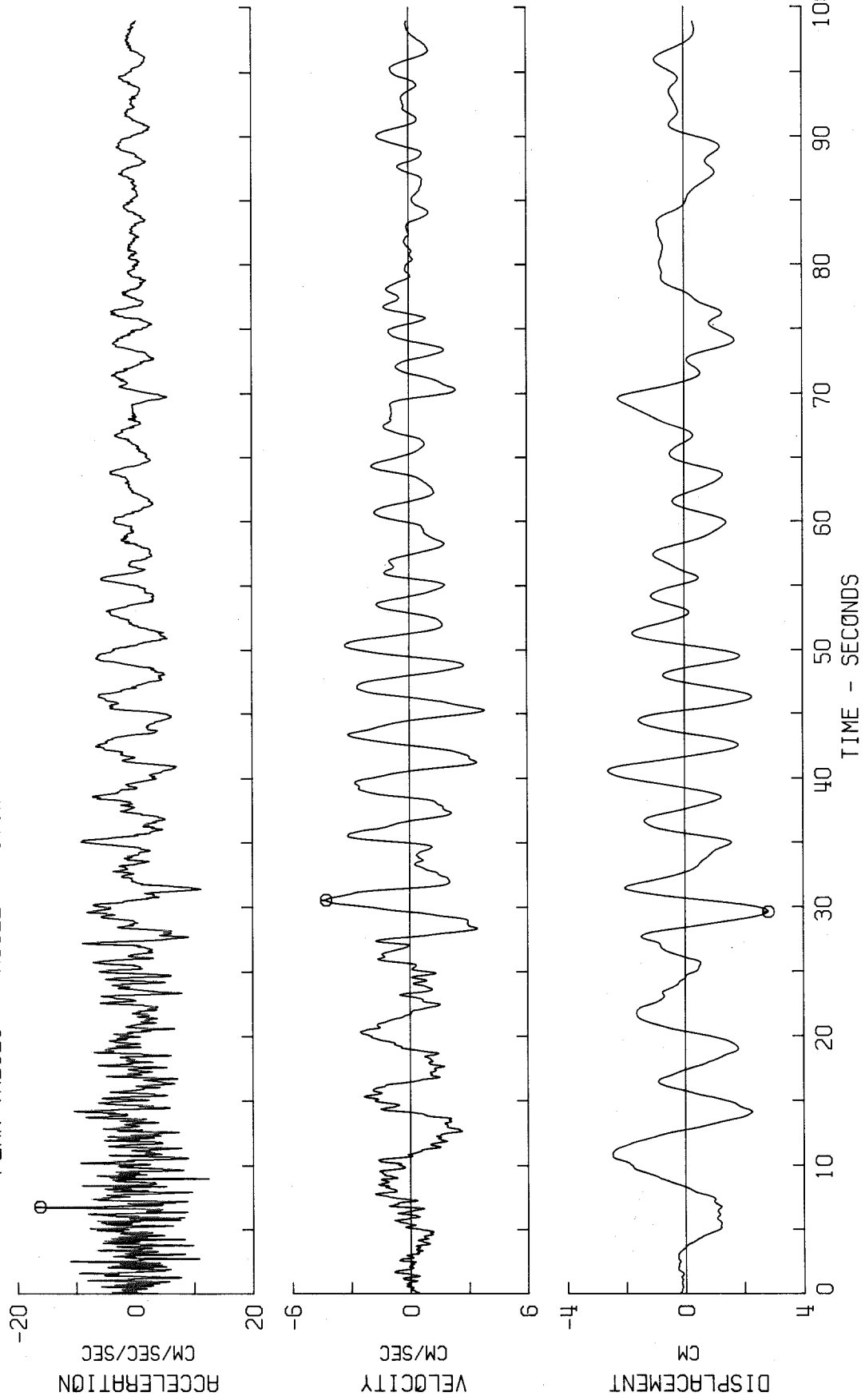
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110205 71.154.0 TERMINAL ISLAND, LONG BEACH, CAL. COMP S69W
PEAK VALUES : ACCEL = -28.1 CM/SEC/SEC VELOCITY = 10.4 CM/SEC DISPL = -8.7 CM



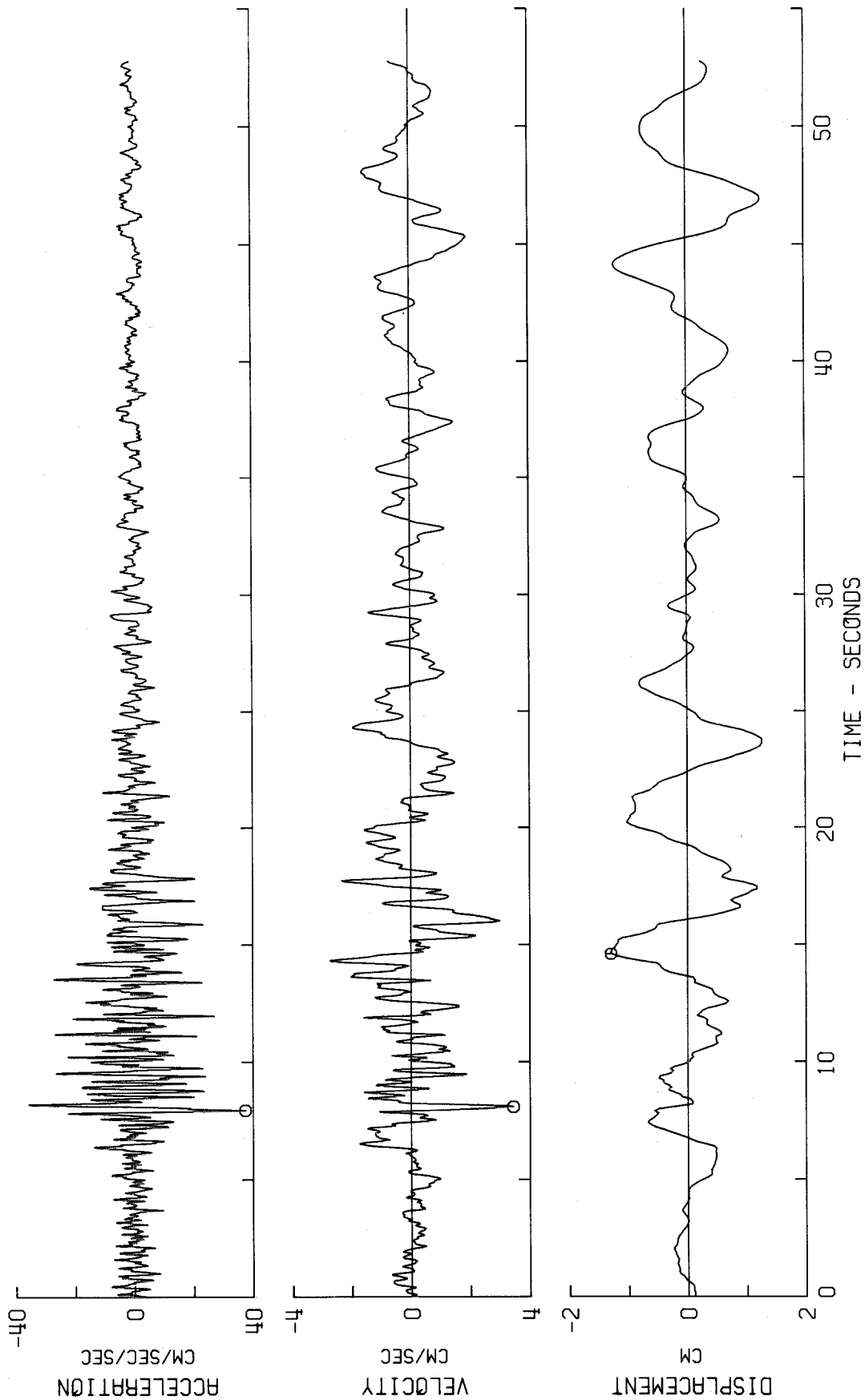
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

110205 71.154.0 TERMINAL ISLAND, LONG BEACH, CAL. COMP UP

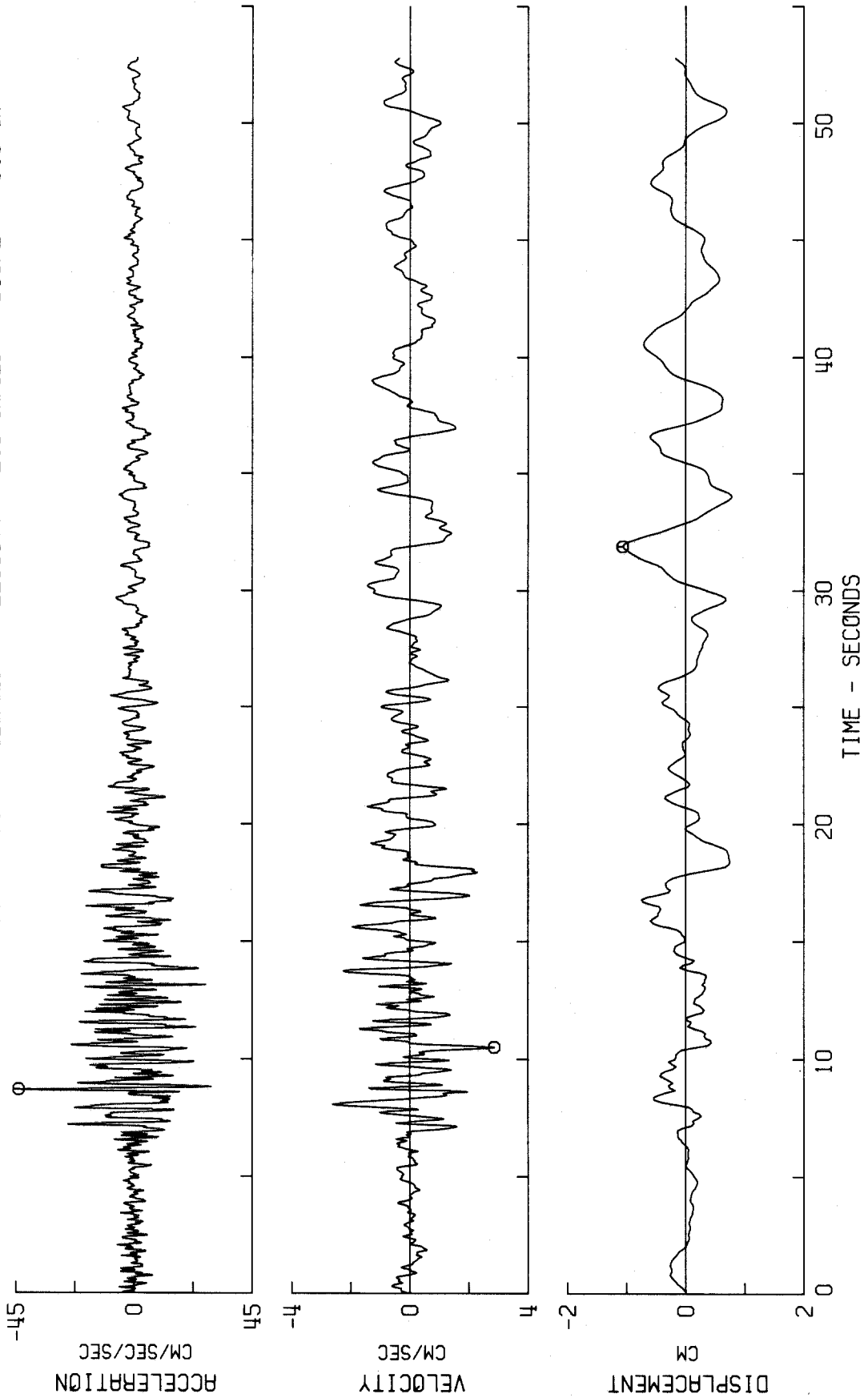
PEAK VALUES : ACCEL = -16.2 CM/SEC/SEC VELOCITY = -4.2 CM/SEC DISPL = 2.8 CM



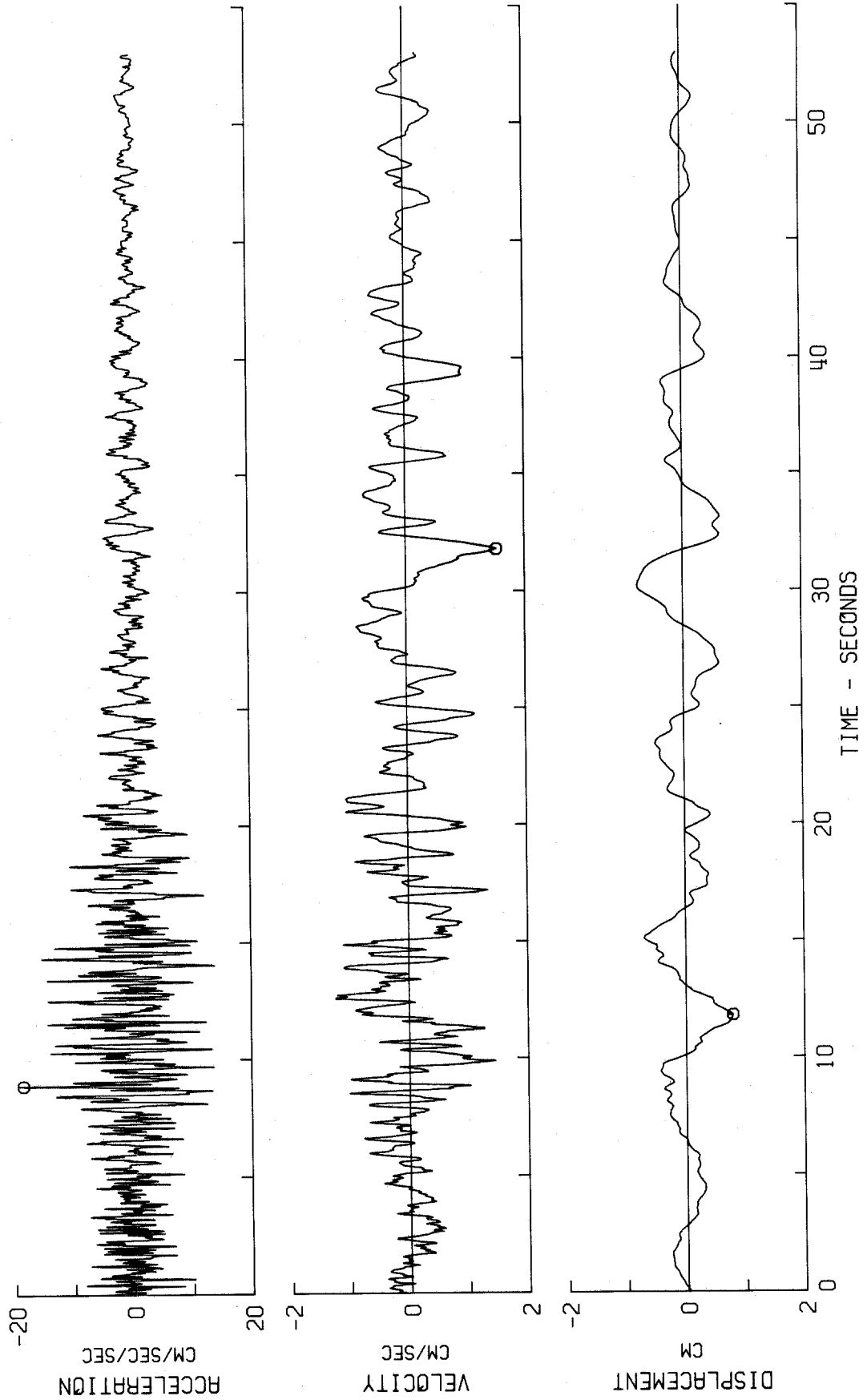
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110206 71.158.0 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP NO0E
PEAK VALUES : ACCEL = 37.4 CM/SEC/SEC VELOCITY = 3.4 CM/SEC DISPL = -1.3 CM



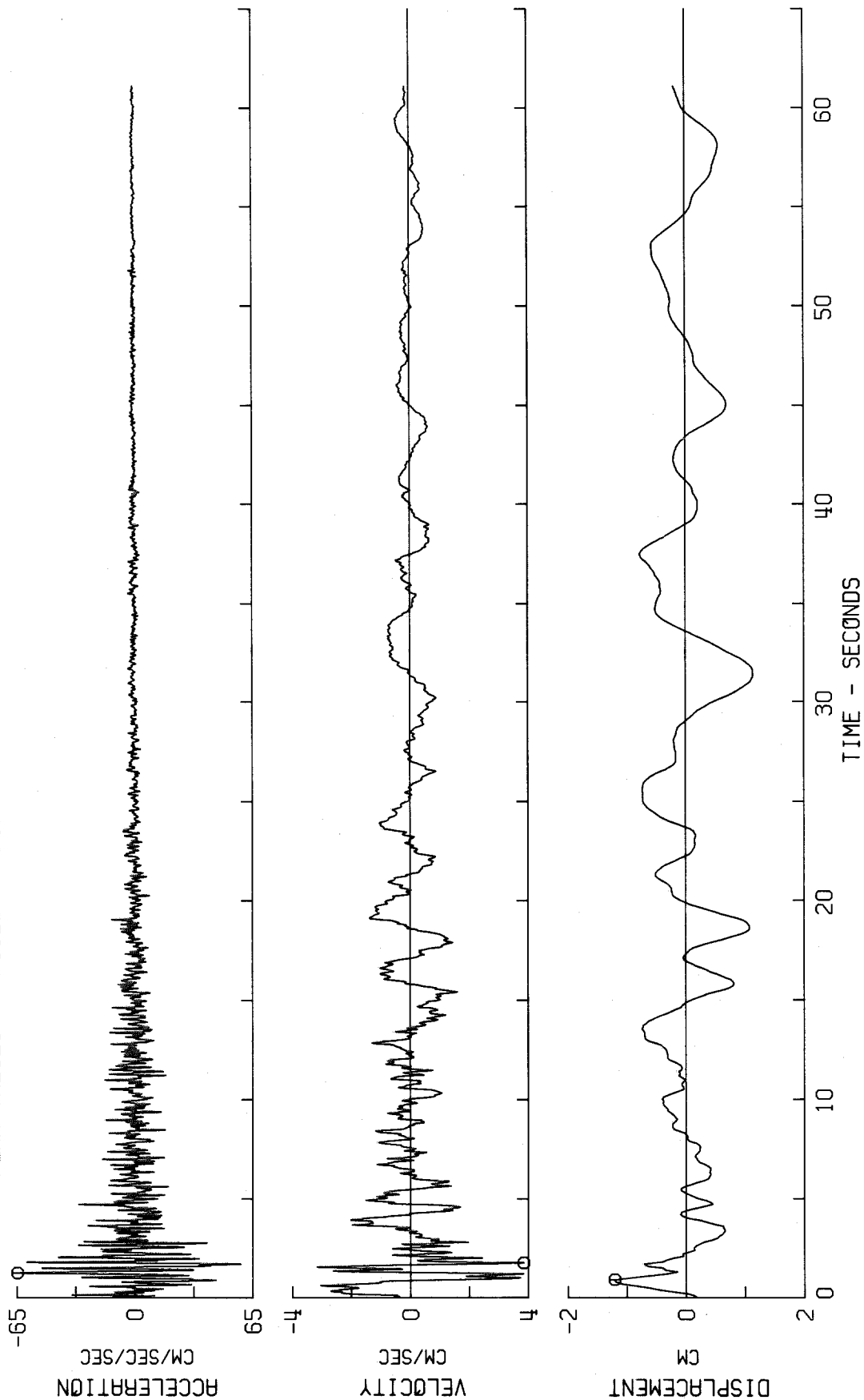
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110206 71.158.0 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP N90E
PEAK VALUES : ACCEL = -43.9 CM/SEC/SEC VELOCITY = 2.9 CM/SEC DISPL = -1.1 CM



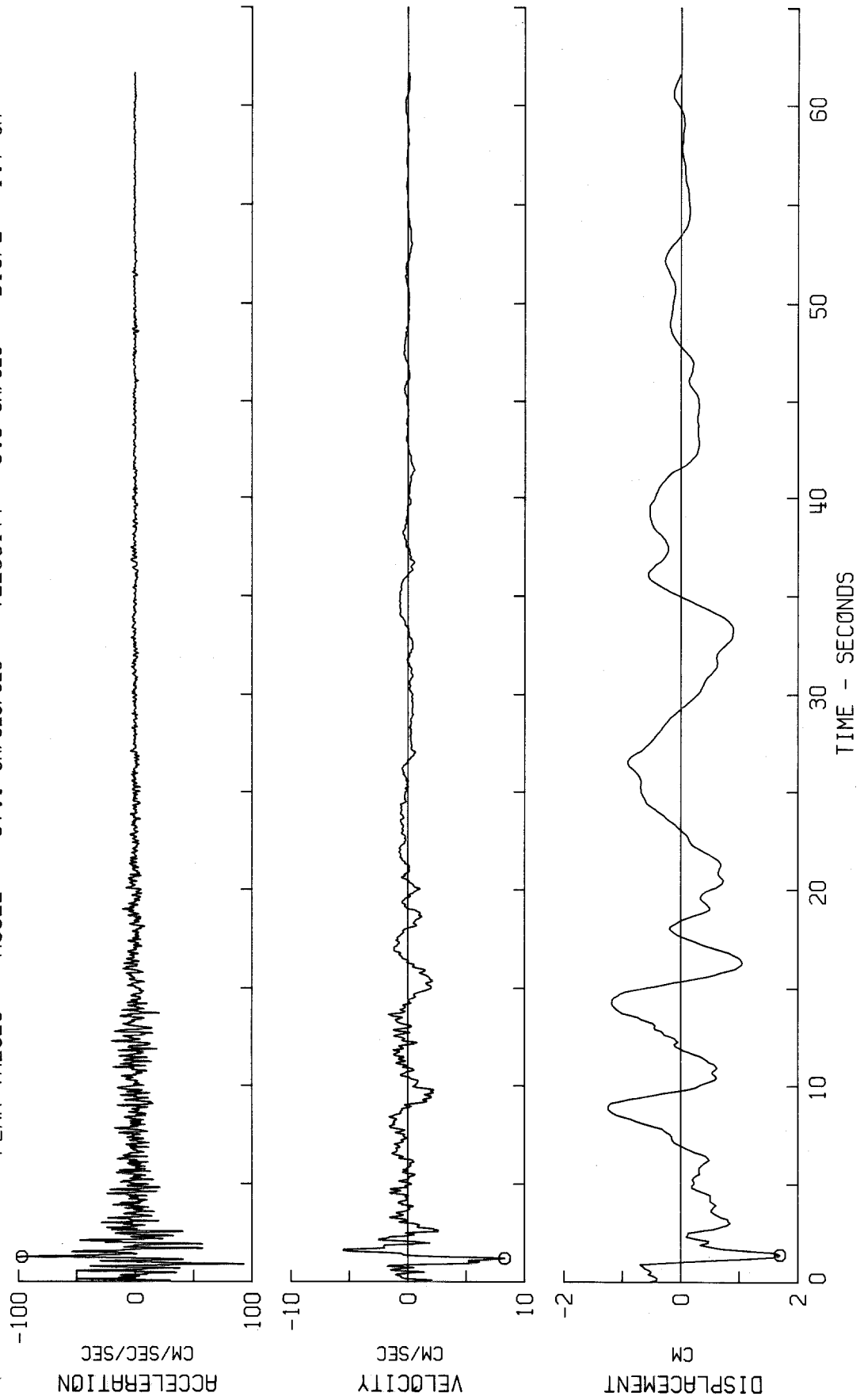
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II0206 71.158.0 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP DOWN
Ø PEAK VALUES: ACCEL = -18.5 CM/SEC/SEC VELOCITY = 1.5 CM/SEC DISPL = 0.8 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 110207 71.175.0 RESERVOIR, FAIRMONT RESERVOIR, CAL. COMP N56E
 0 PEAK VALUES : ACCEL = -64.7 CM/SEC/SEC VELOCITY = 3.8 CM/SEC DISPL = -1.2 CM



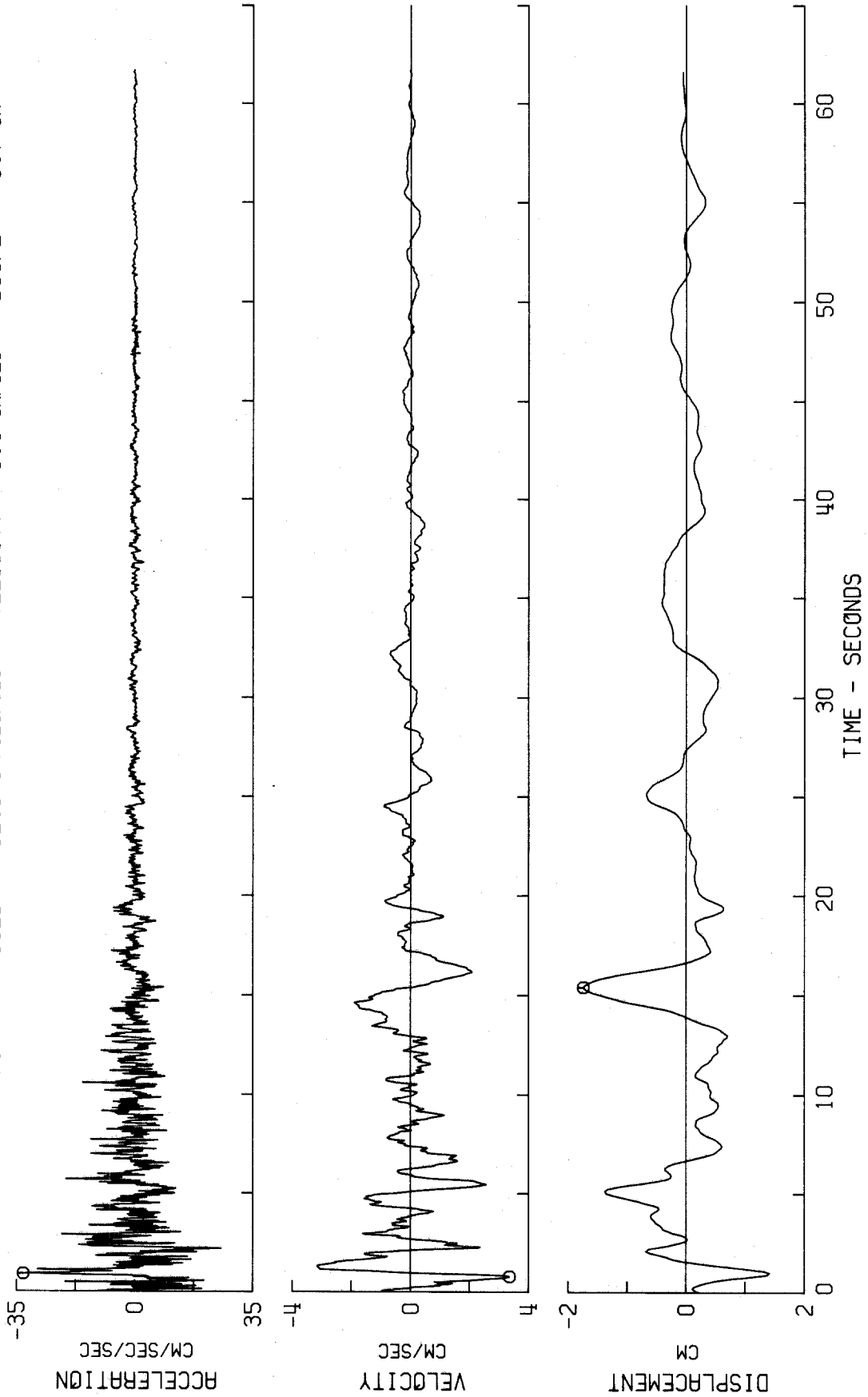
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110207 71.175.0 RESERVOIR, FAIRMONT RESERVOIR, CAL. COMP N34W
PEAK VALUES : ACCEL = -97.1 CM/SEC/SEC VELOCITY = 8.3 CM/SEC DISPL = 1.7 CM



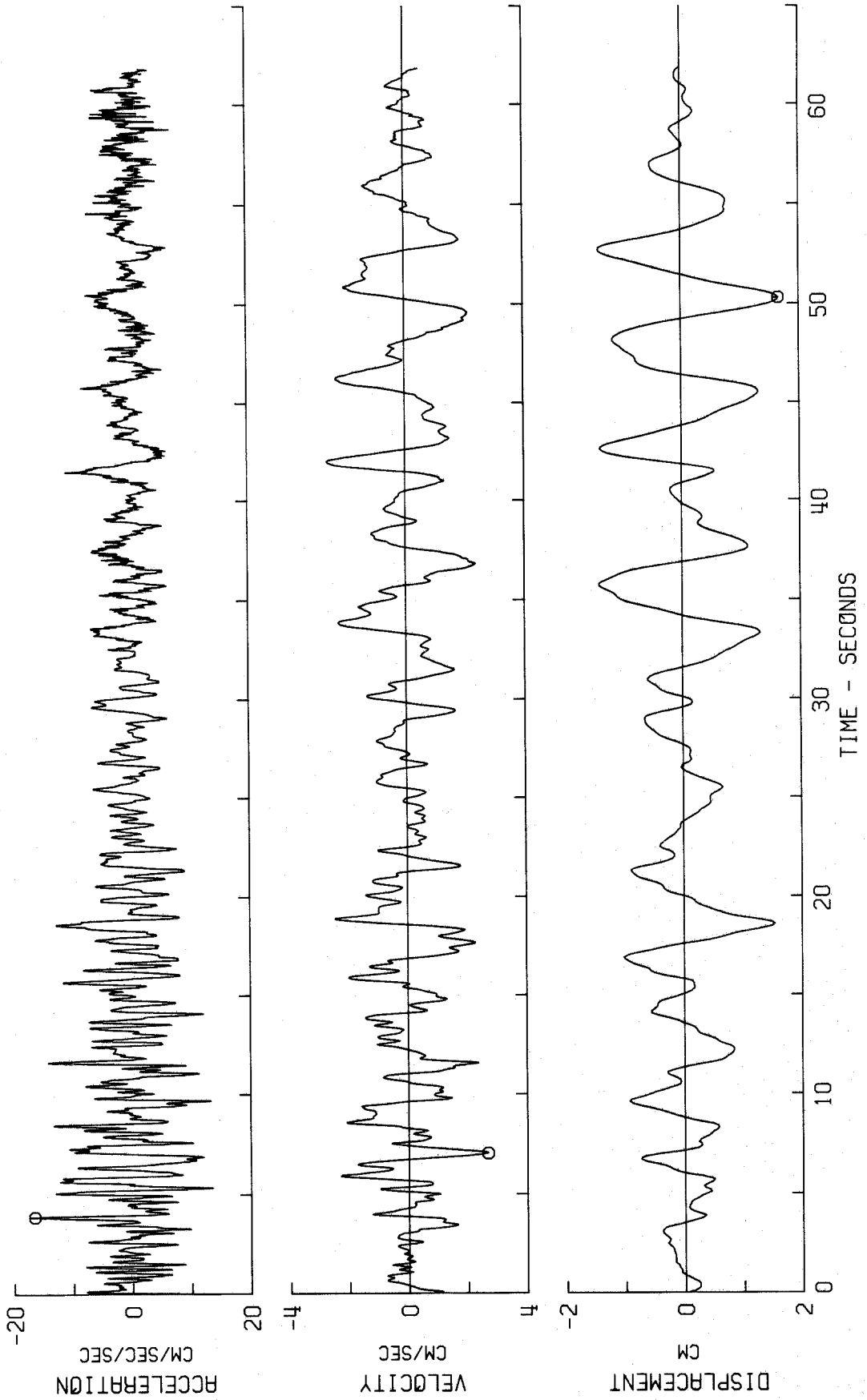
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

110207 71.175.0 RESERVOIR, FAIRMONT RESERVOIR, CAL. COMP UP

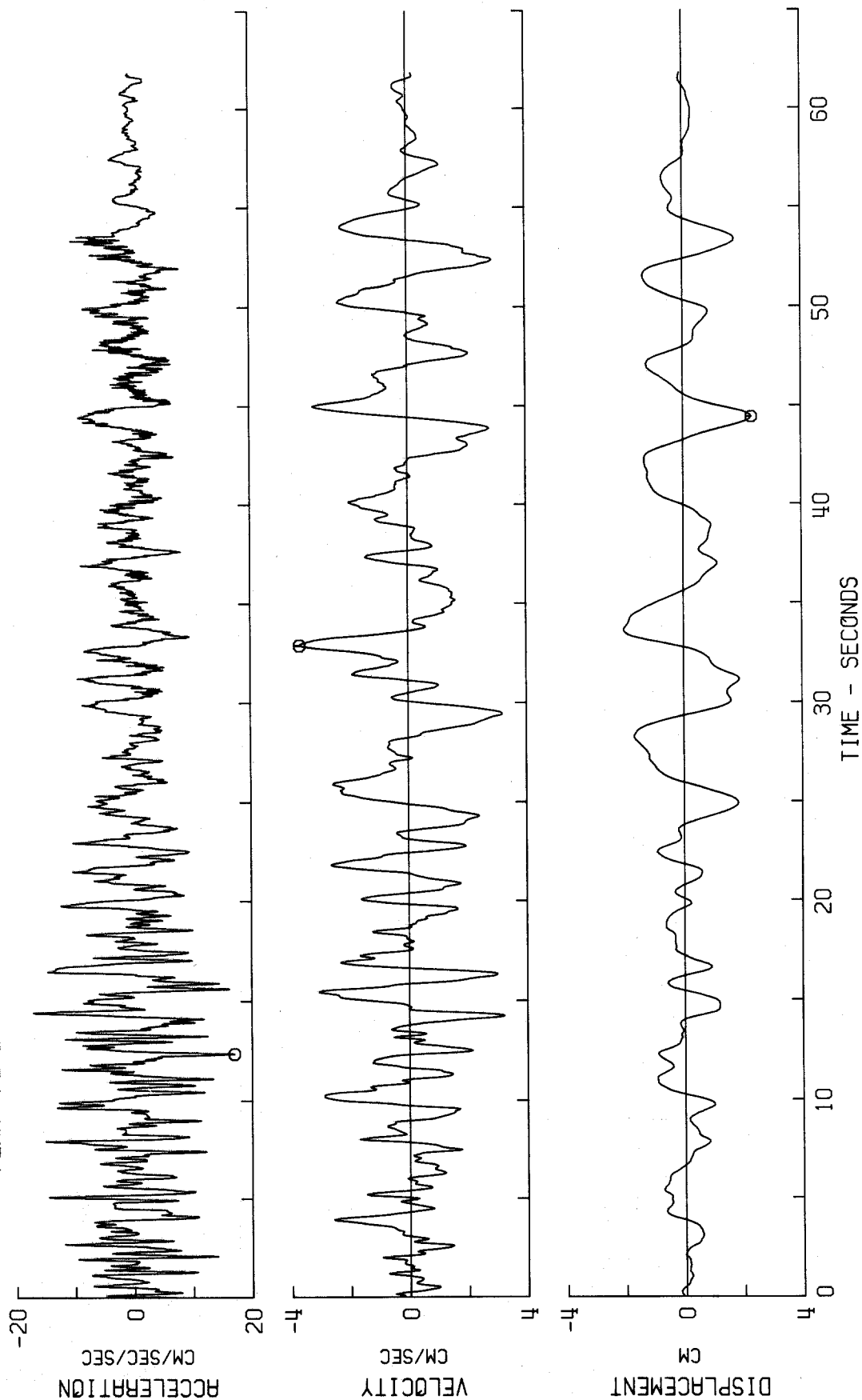
PEAK VALUES : ACCEL = -32.9 CM/SEC/SEC VELOCITY = 3.4 CM/SEC DISPL = -1.7 CM



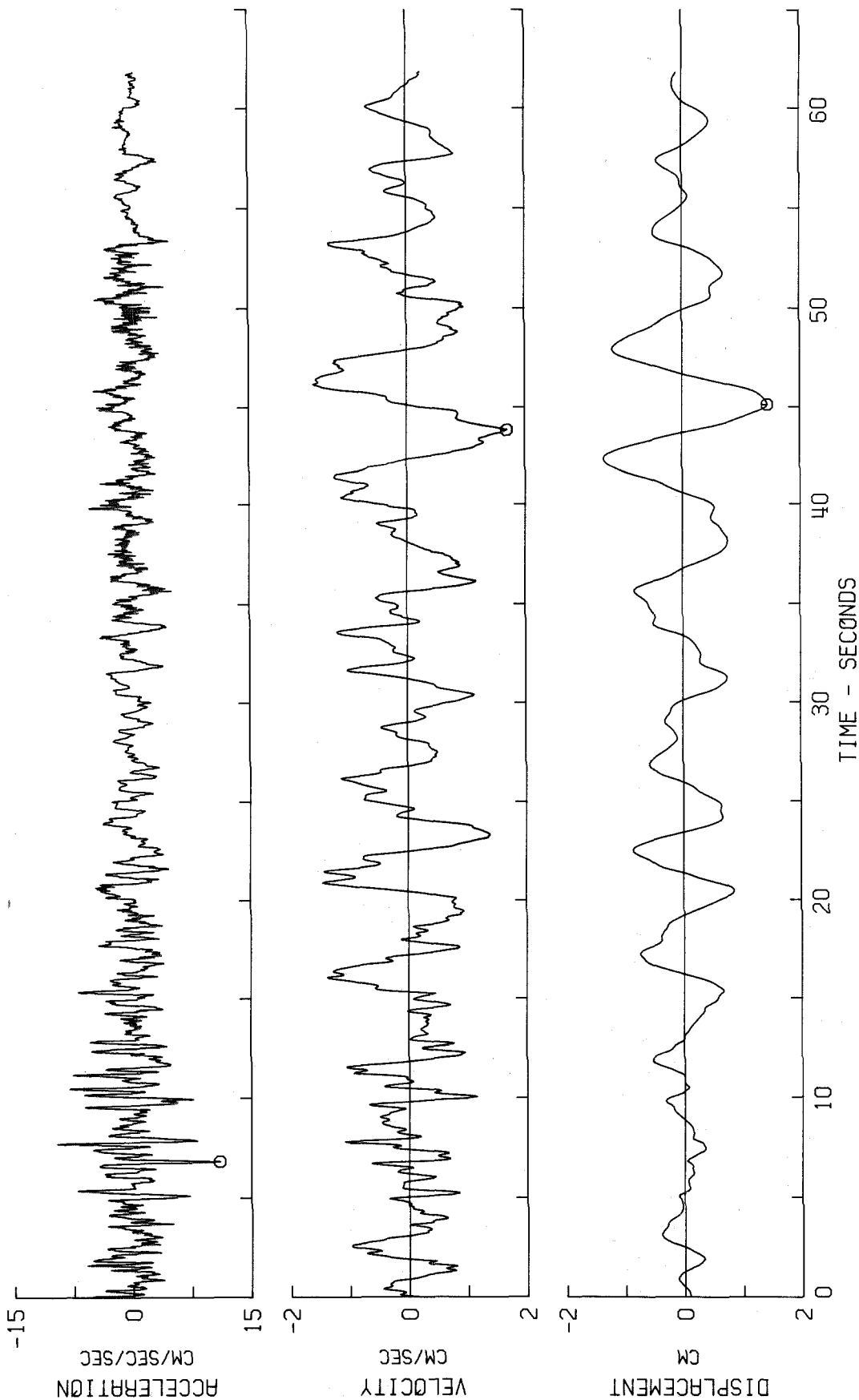
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110208 71.176.0 UNIVERSITY OF CALIFORNIA, SANTA BARBARA, CAL. COMP N42E
Ø PEAK VALUES : ACCEL = -16.5 CM/SEC/SEC VELOCITY = 2.7 CM/SEC DISPL = 1.7 CM



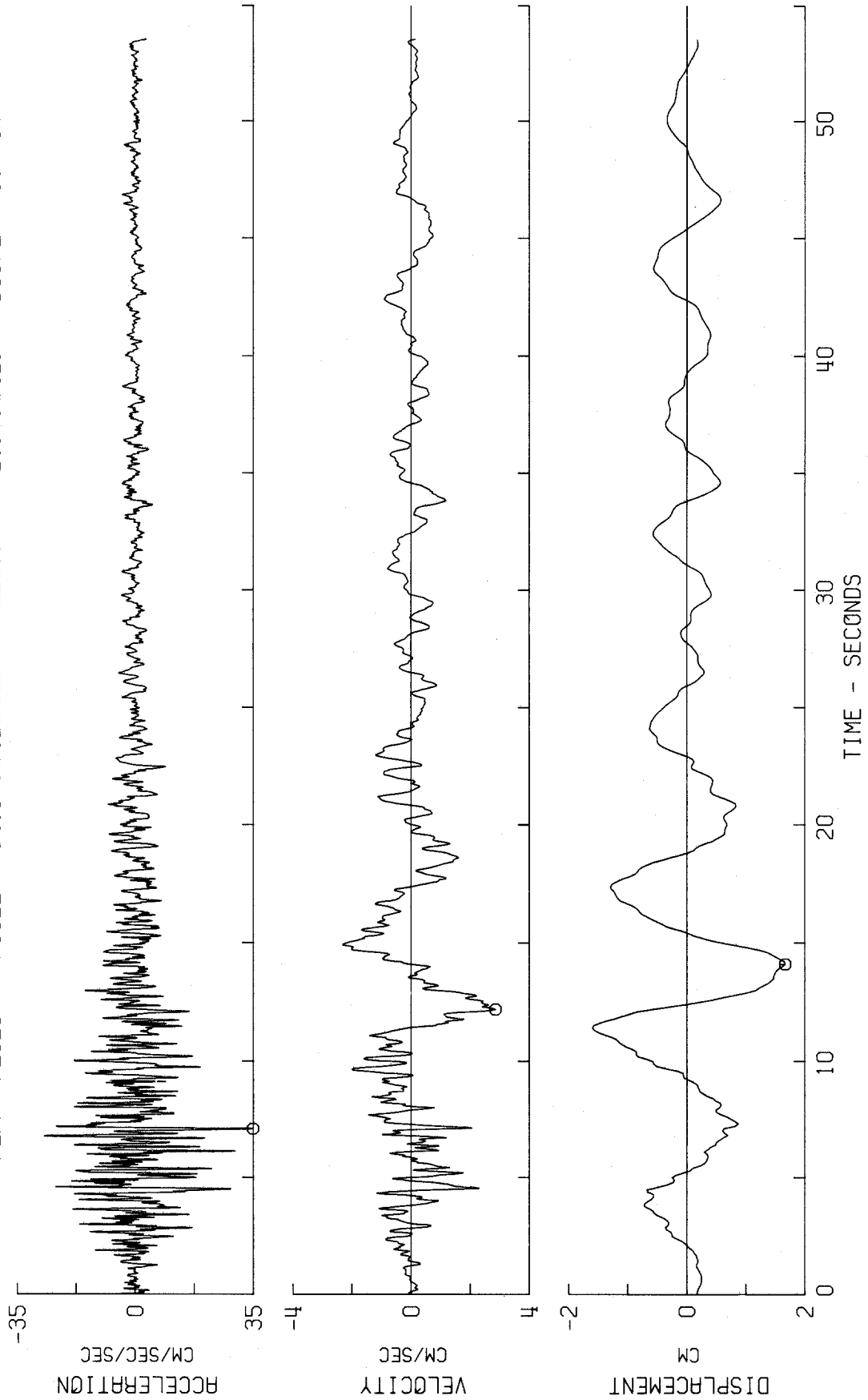
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 110208 71.176.0 UNIVERSITY OF CALIFORNIA, SANTA BARBARA, CAL. COMP S48E
 ○ PEAK VALUES : ACCEL = 17.0 CM/SEC/SEC VELOCITY = -3.7 CM/SEC DISPL = 2.3 CM



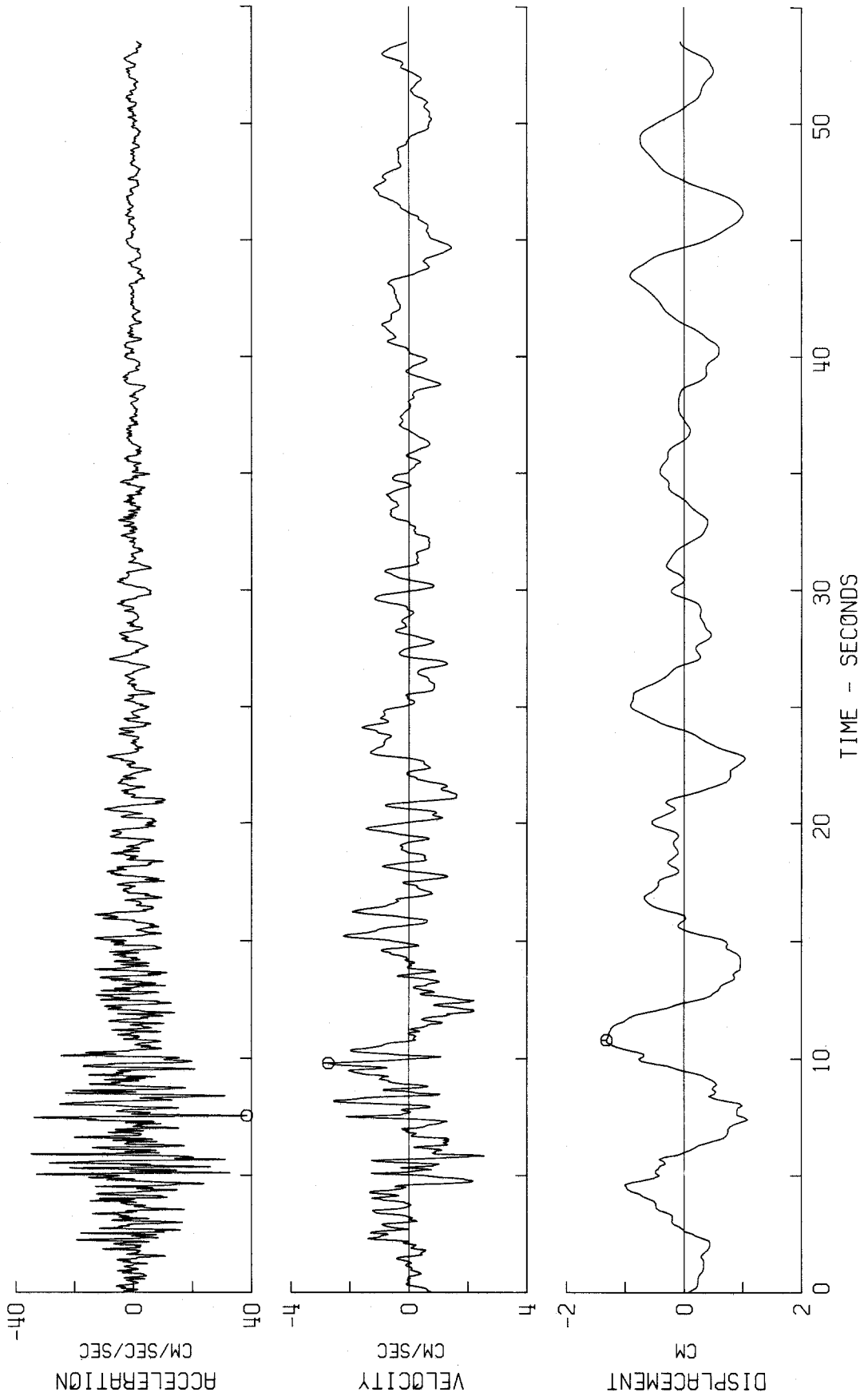
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 110208 71.176.0 UNIVERSITY OF CALIFORNIA, SANTA BARBARA, CAL. COMP UP
 ◊ PEAK VALUES: ACCEL = 11.0 CM/SEC/SEC VELOCITY = 1.7 CM/SEC DISPL = 1.4 CM



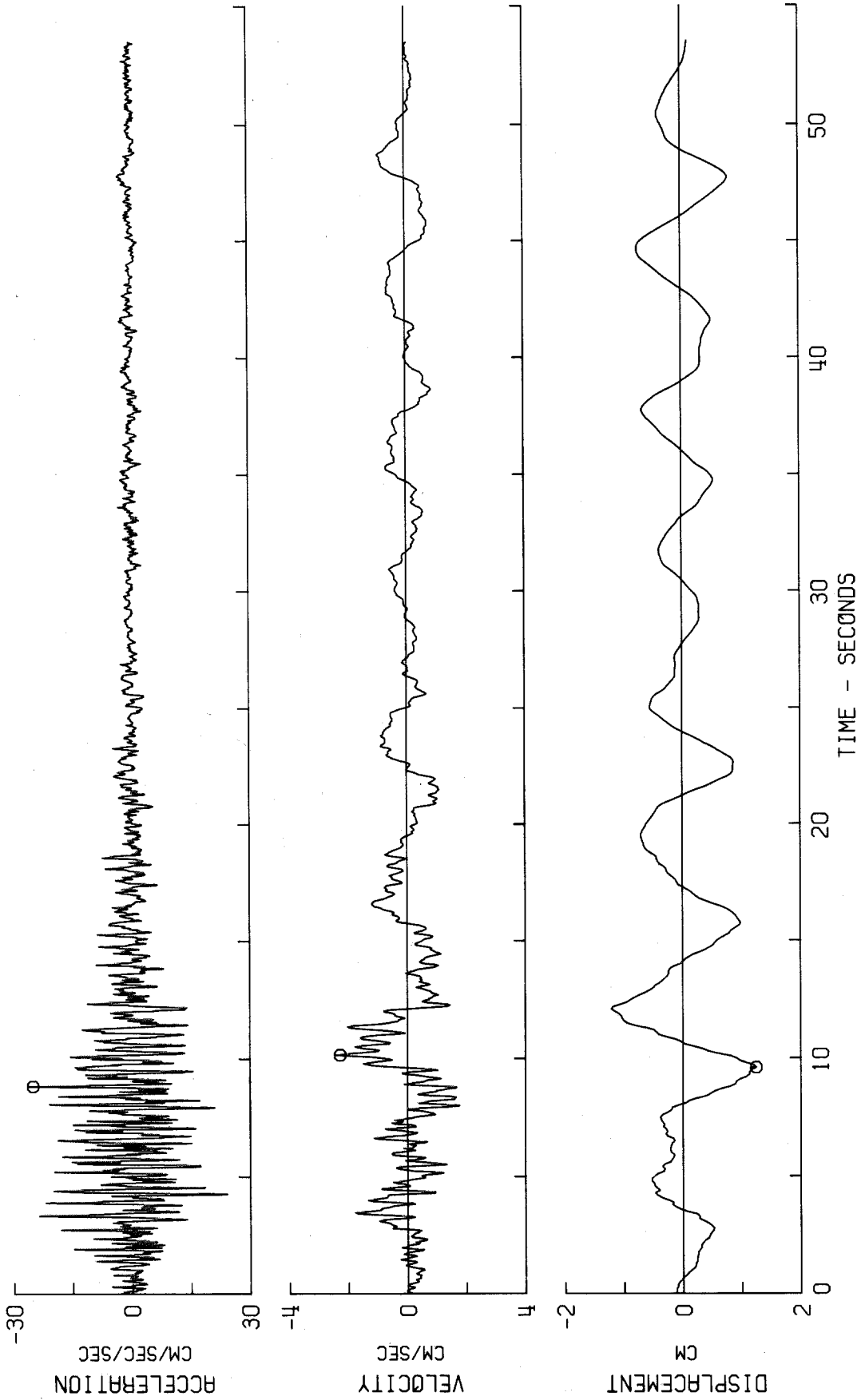
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II0210 71.234.0 HOSE STORAGE ROOM, HEMET FIRE STATION, HEMET, CAL. COMP S45E
PEAK VALUES : ACCEL = 34.9 CM/SEC/SEC VELOCITY = 2.9 CM/SEC DISPL = 1.7 CM



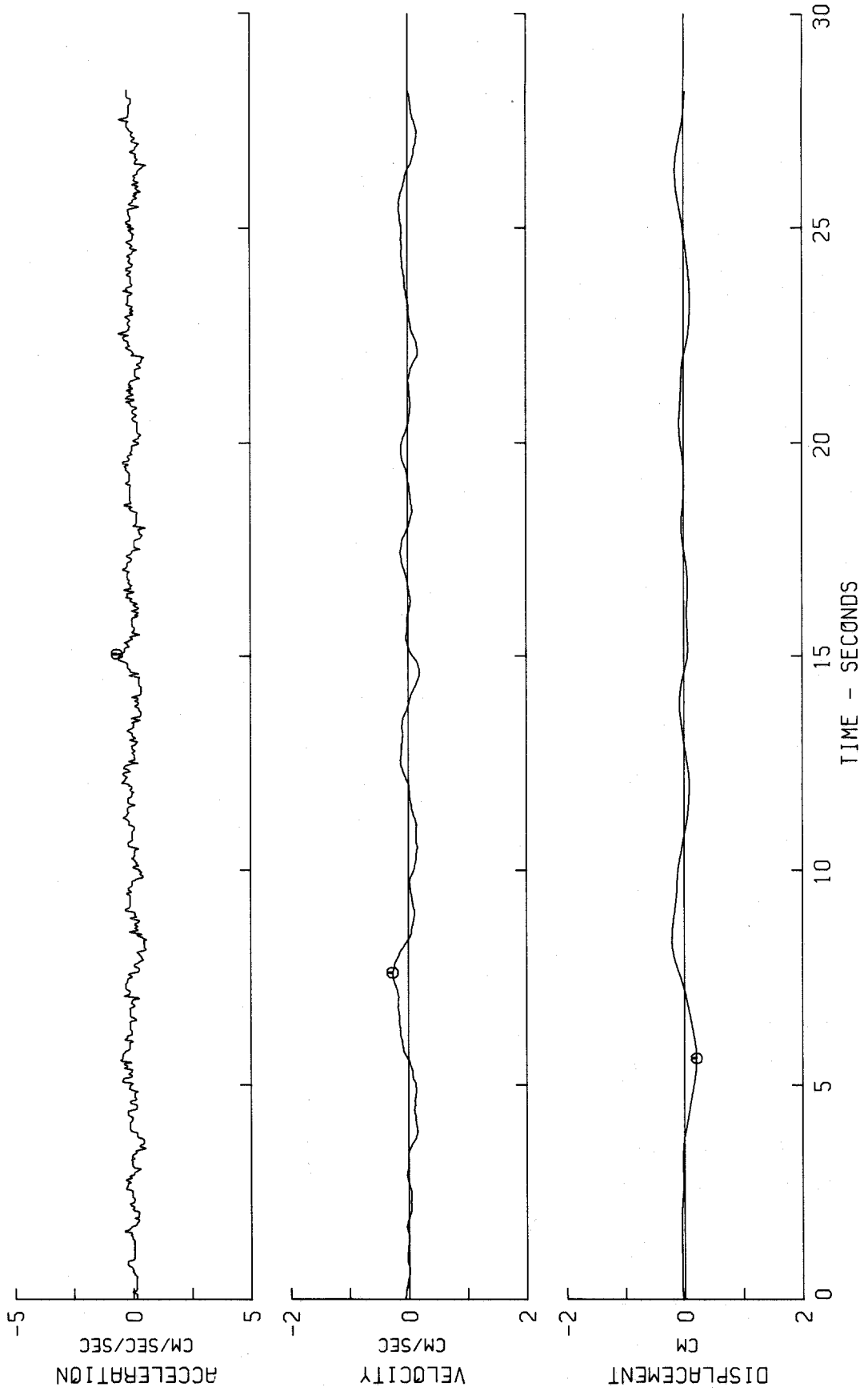
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110210 71.234.0 HOSE STORAGE ROOM, HEMET FIRE STATION, HEMET, CAL. COMP S4SW
PEAK VALUES : ACCEL = 38.4 CM/SEC/SEC VELOCITY = -2.7 CM/SEC DISPL = -1.3 CM



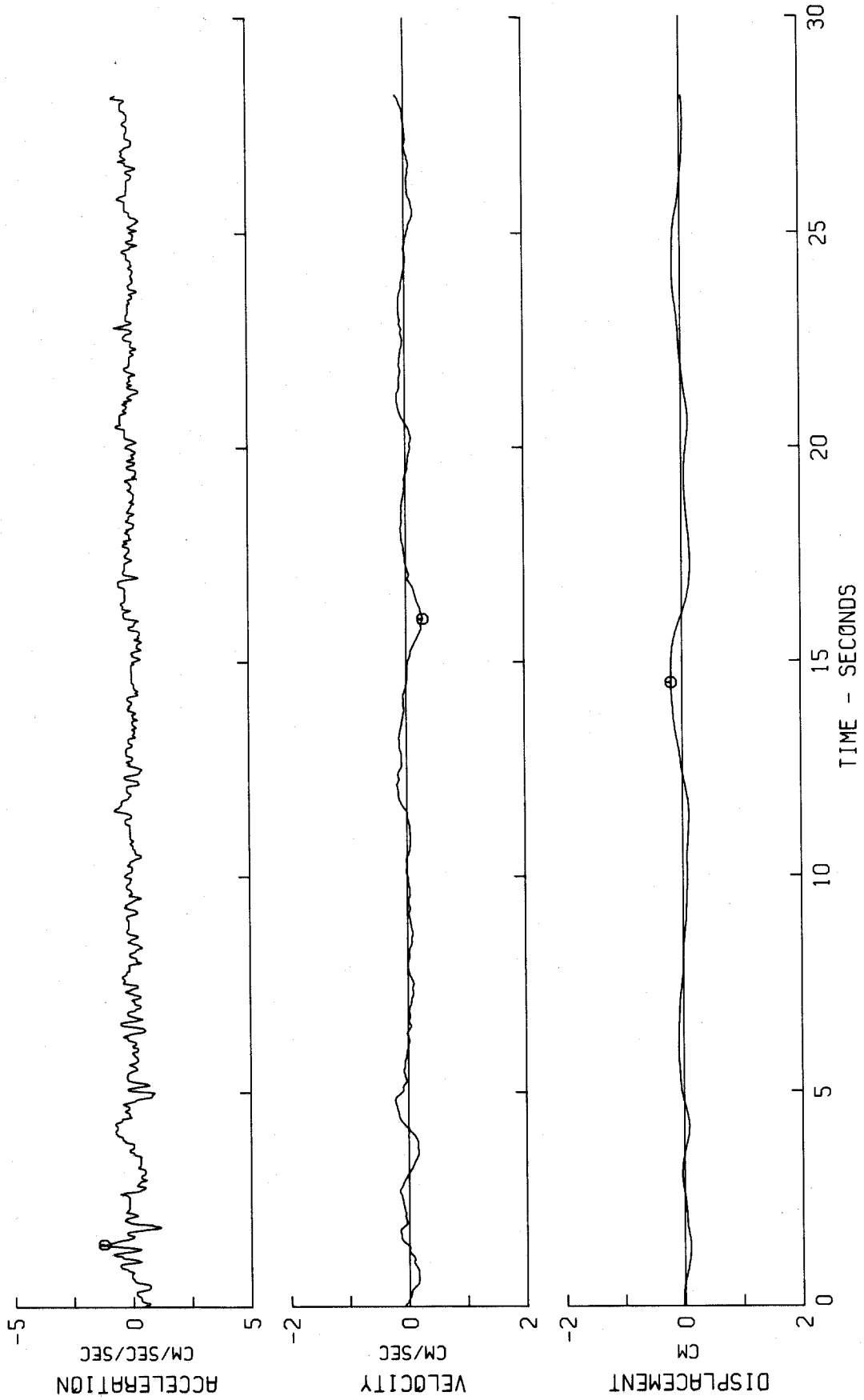
SAN FERNANDO EARTHQUAKE FEB 9. 1971 - 0600 PST
110210 71.234.0 HOSE STORAGE ROOM, HEMET FIRE STATION, HEMET, CAL. COMP DOWN
PEAK VALUES: ACCEL = -25.1 CM/SEC/SEC VELOCITY -2.3 CM/SEC DISPL = 1.2 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110213 71.246.0 1215 GALLERY, HOOVER DAM, CAL. COMP S45E
⊙ PEAK VALUES : ACCEL = -0.7 CM/SEC/SEC VELOCITY = -0.3 CM/SEC DISPL = 0.2 CM

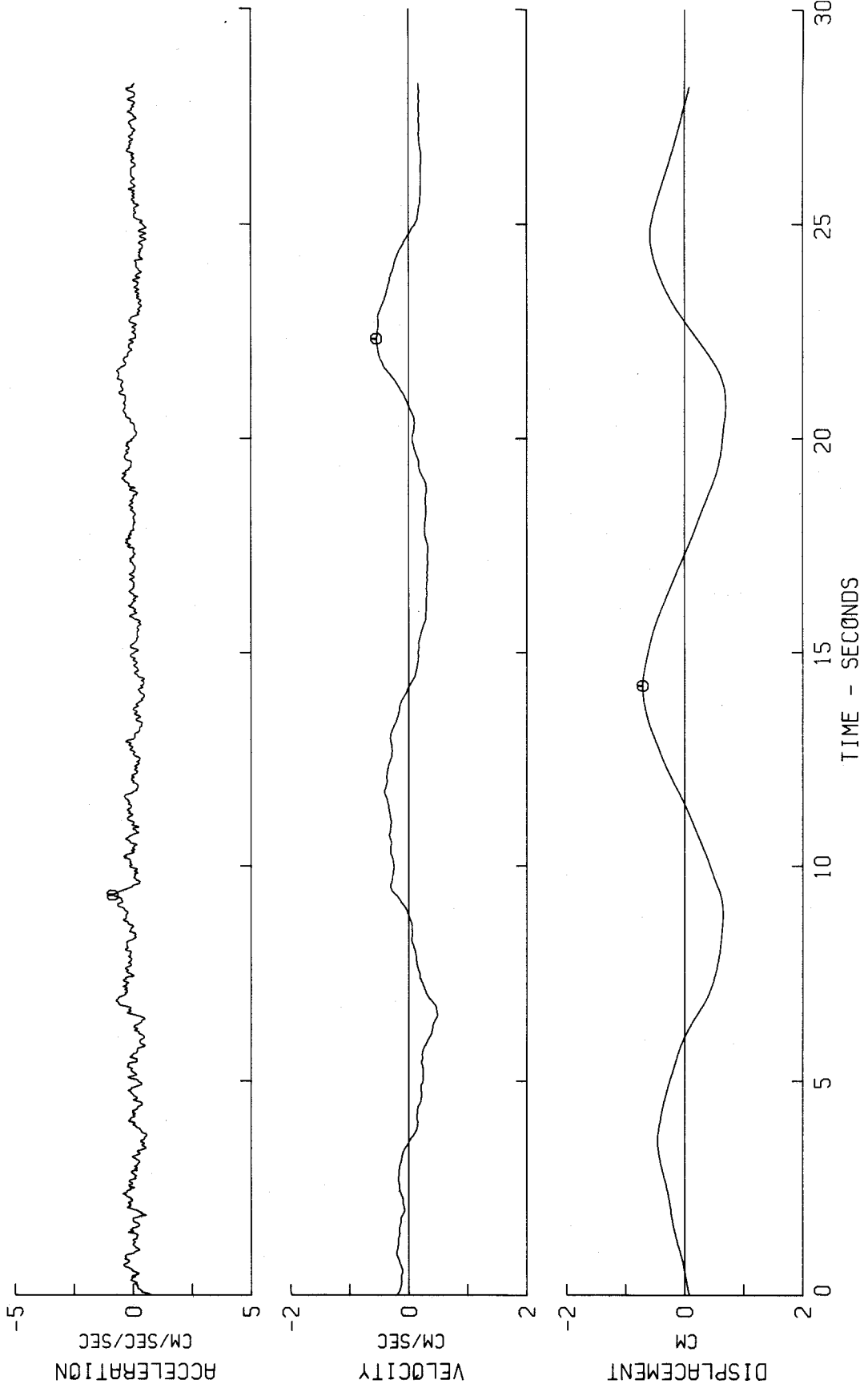


SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110213 71.246.0 1215 GALLERY, HOOVER DAM, CAL. COMP S45W
PEAK VALUES : ACCEL = -1.2 CM/SEC/SEC VELOCITY = 0.3 CM/SEC DISPL = -.2 CM

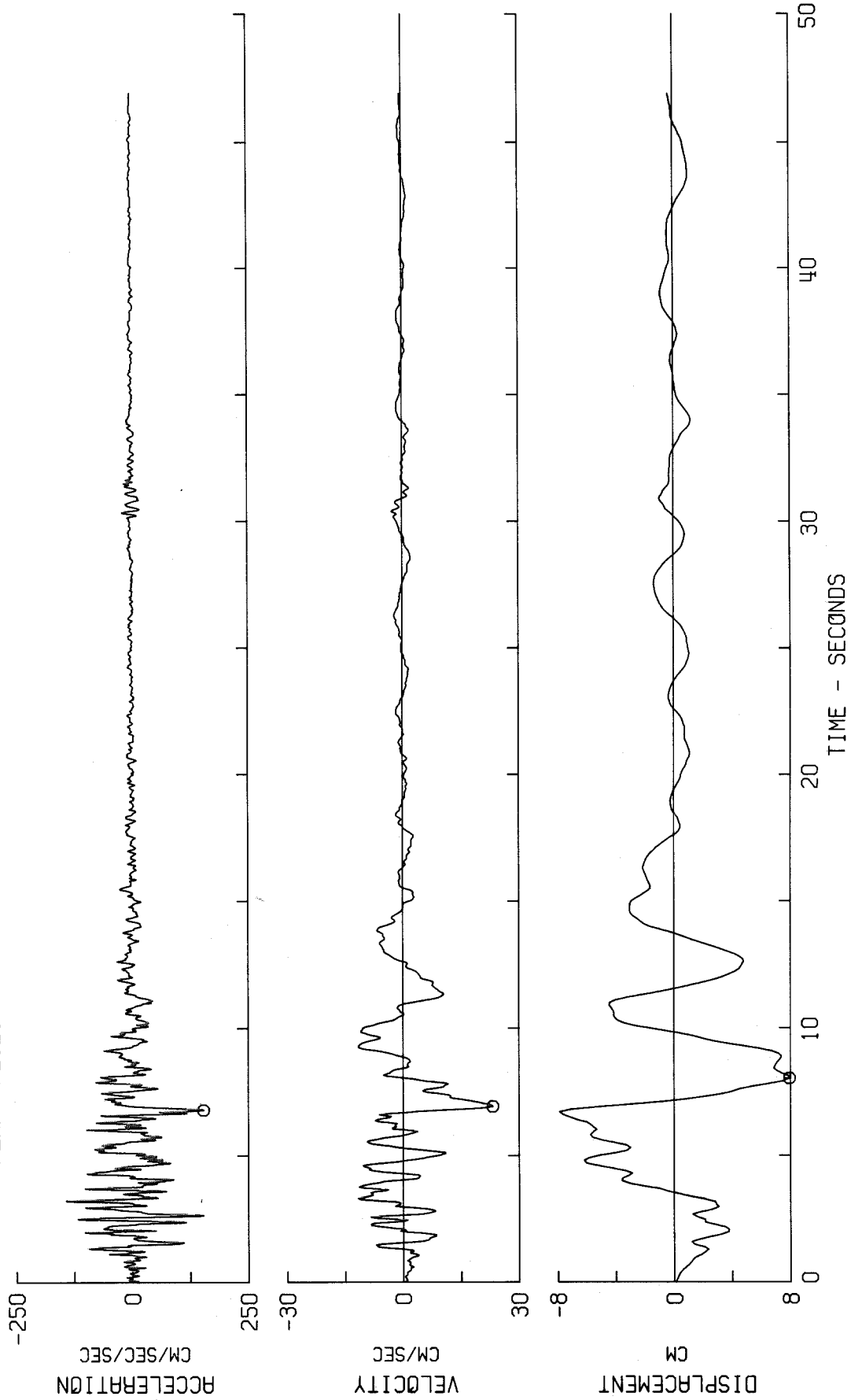


SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110213 71.246.0 1215 GALLERY, HOOVER DAM, CAL. COMP UP

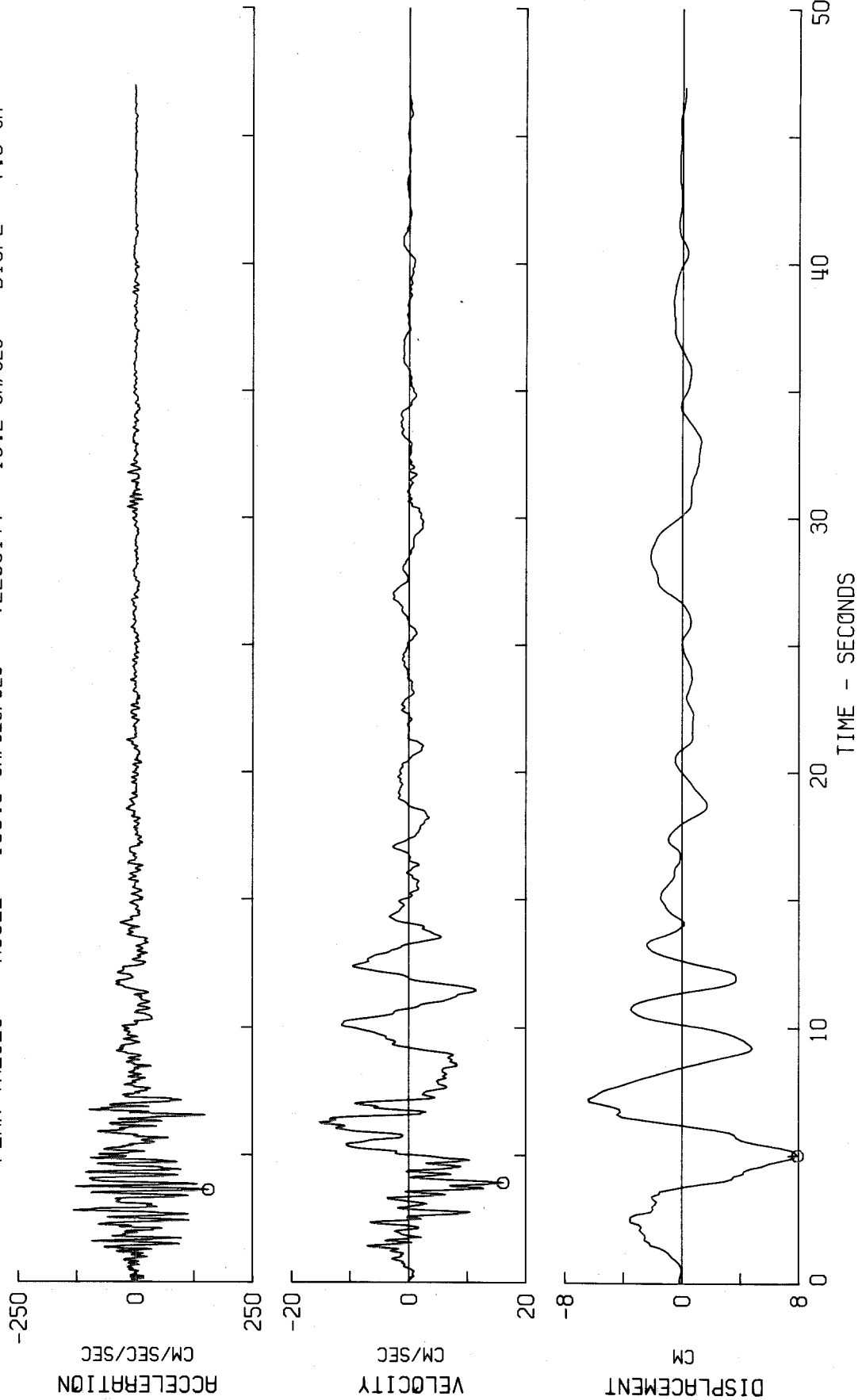
⊙ PEAK VALUES : ACCEL = -.9 CM/SEC/SEC VELOCITY = -.5 CM/SEC DISPL = -.7 CM



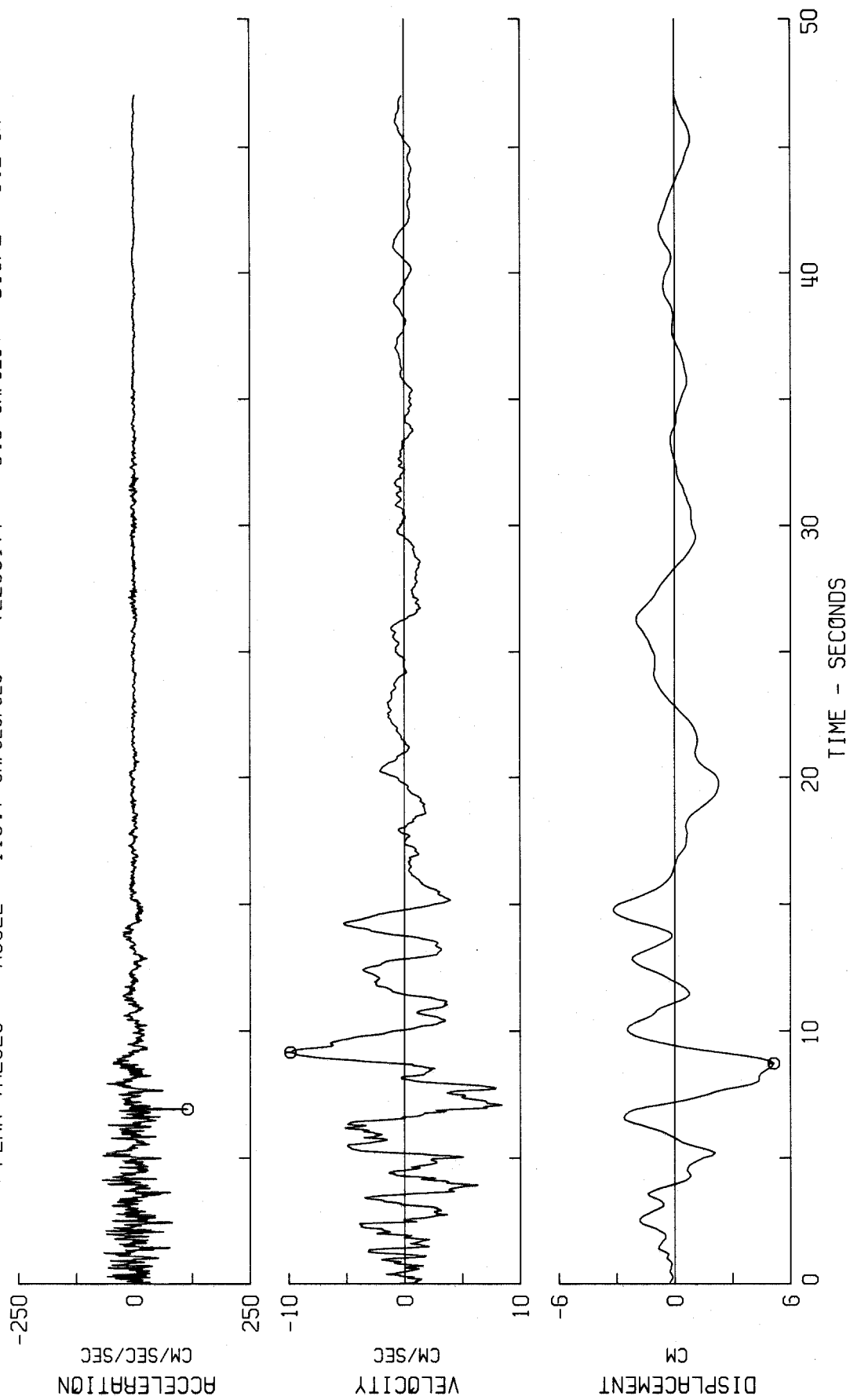
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP214 71.053.0 4867 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CALIFORNIA CMP S89W
O PEAK VALUES : ACCEL = 154.1 CM/SEC/SEC VELOCITY = 23.3 CM/SEC DISPL = 8.0 CM



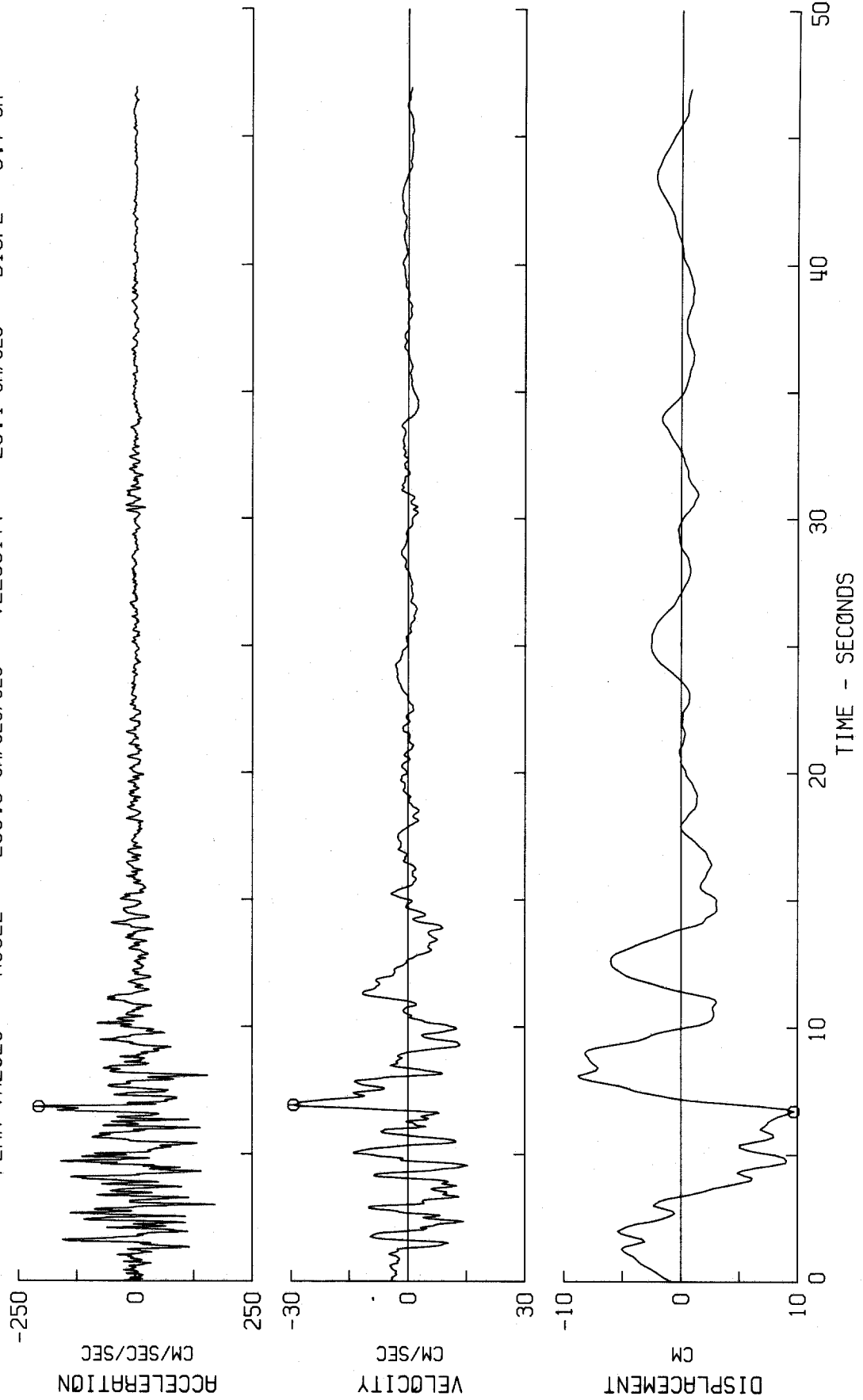
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP214 71.053.0 4867 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CALIFORNIA COMP SOIE
O PEAK VALUES : ACCEL = 156.3 CM/SEC/SEC VELOCITY = 16.2 CM/SEC DISPL = 7.9 CM



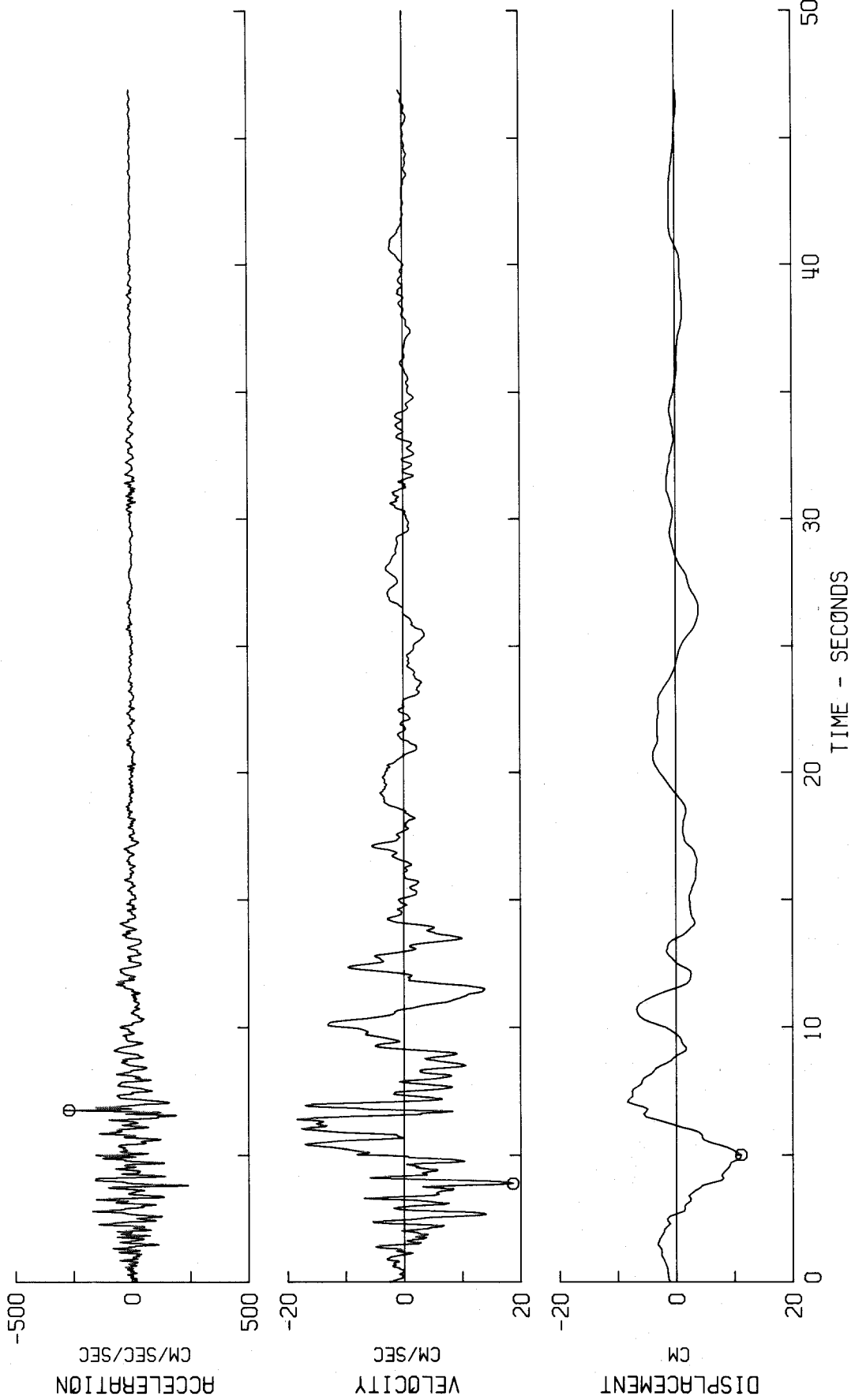
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP214 71.053.0 4867 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CALIFORNIA COMP DOWN
 ○ PEAK VALUES : ACCEL = 115.7 CM/SEC/SEC VELOCITY = -9.8 CM/SEC DISPL = 5.2 CM



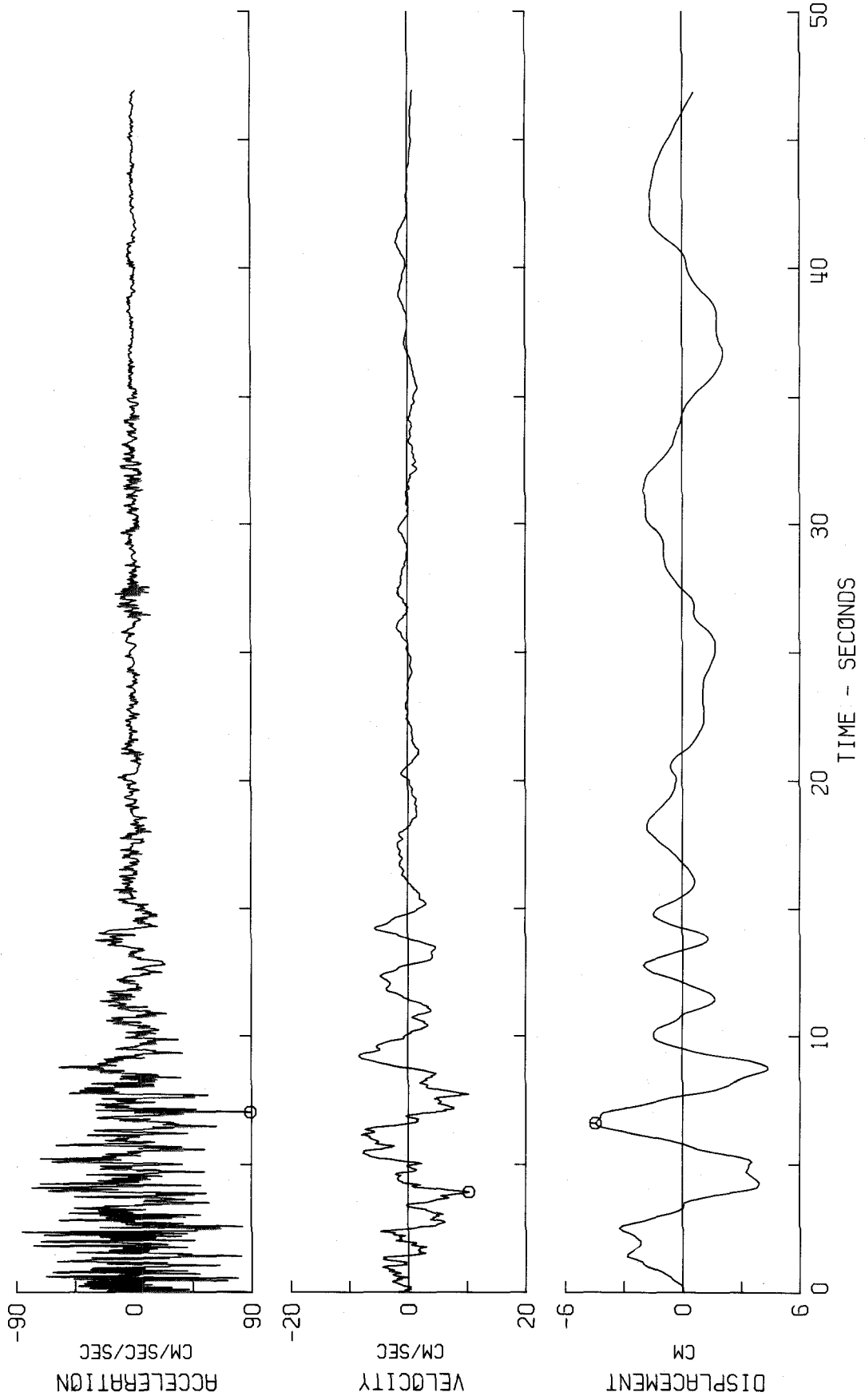
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP215 71.054.0 4867 SUNSET BOULEVARD, 2ND FLOOR, LOS ANGELES, CALIFORNIA COMP N89E
o PEAK VALUES : ACCEL = -206.3 CM/SEC/SEC VELOCITY = -29.4 CM/SEC DISPL = 9.7 CM



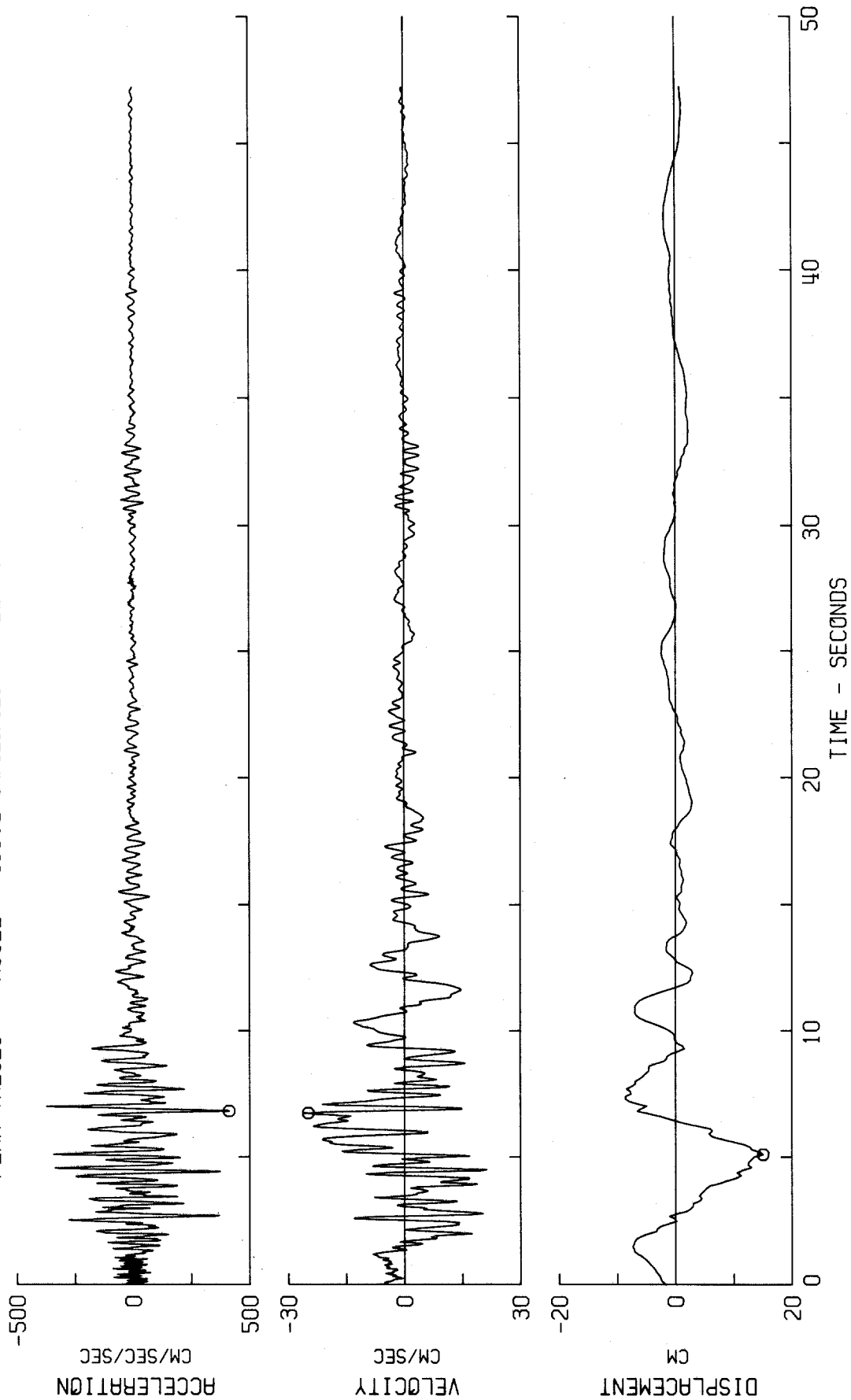
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP215 71.054.0 4867 SUNSET BOULEVARD, 2ND FLOOR, LOS ANGELES, CALIFORNIA COMP S01E
O PEAK VALUES : ACCEL = -270.3 CM/SEC/SEC VELOCITY = 18.7 CM/SEC DISPL = 11.2 CM



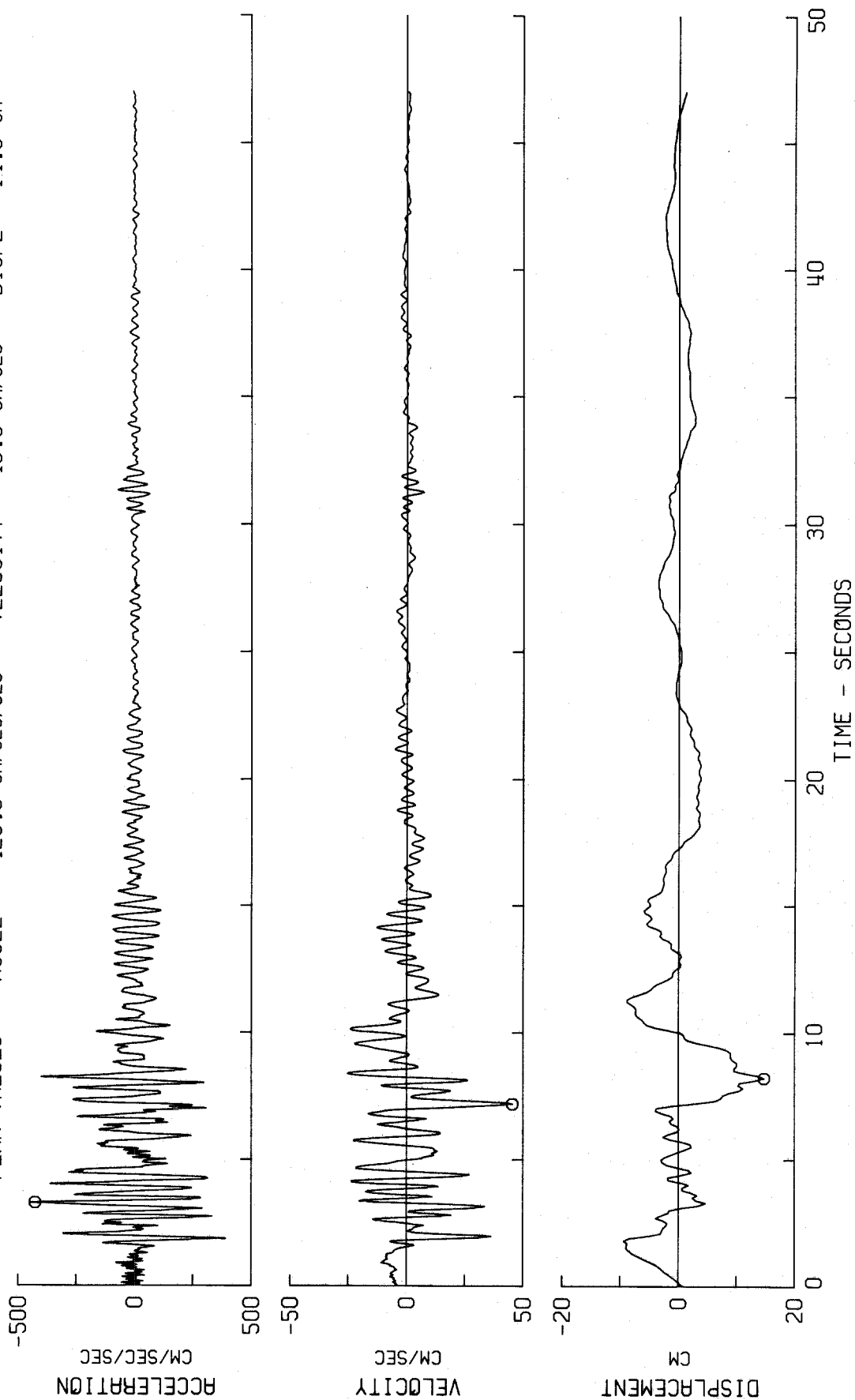
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP215 71.054.0 4867 SUNSET BOULEVARD, 2ND FLOOR, LOS ANGELES, CALIFORNIA COMP DOWN
O PEAK VALUES : ACCEL = 89.0 CM/SEC/SEC VELOCITY = 10.4 CM/SEC DISPL = -4.5 CM



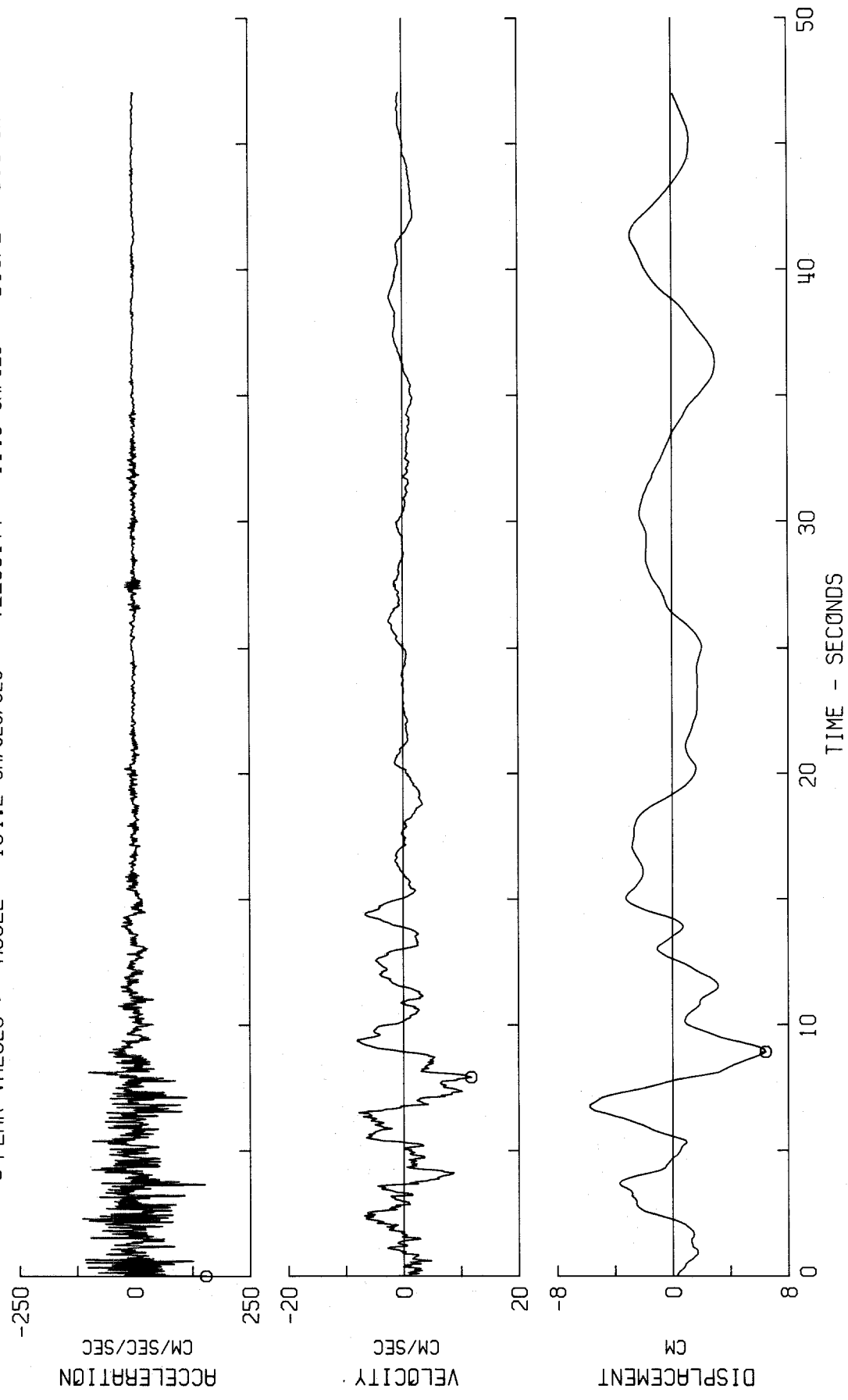
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP216 71.055.0 4867 SUNSET BOULEVARD, 7TH FLOOR, LOS ANGELES, CAL. COMP S01E
 O PEAK VALUES : ACCEL = 413.2 CM/SEC/SEC VELOCITY = -24.8 CM/SEC DISPL = 15.1 CM



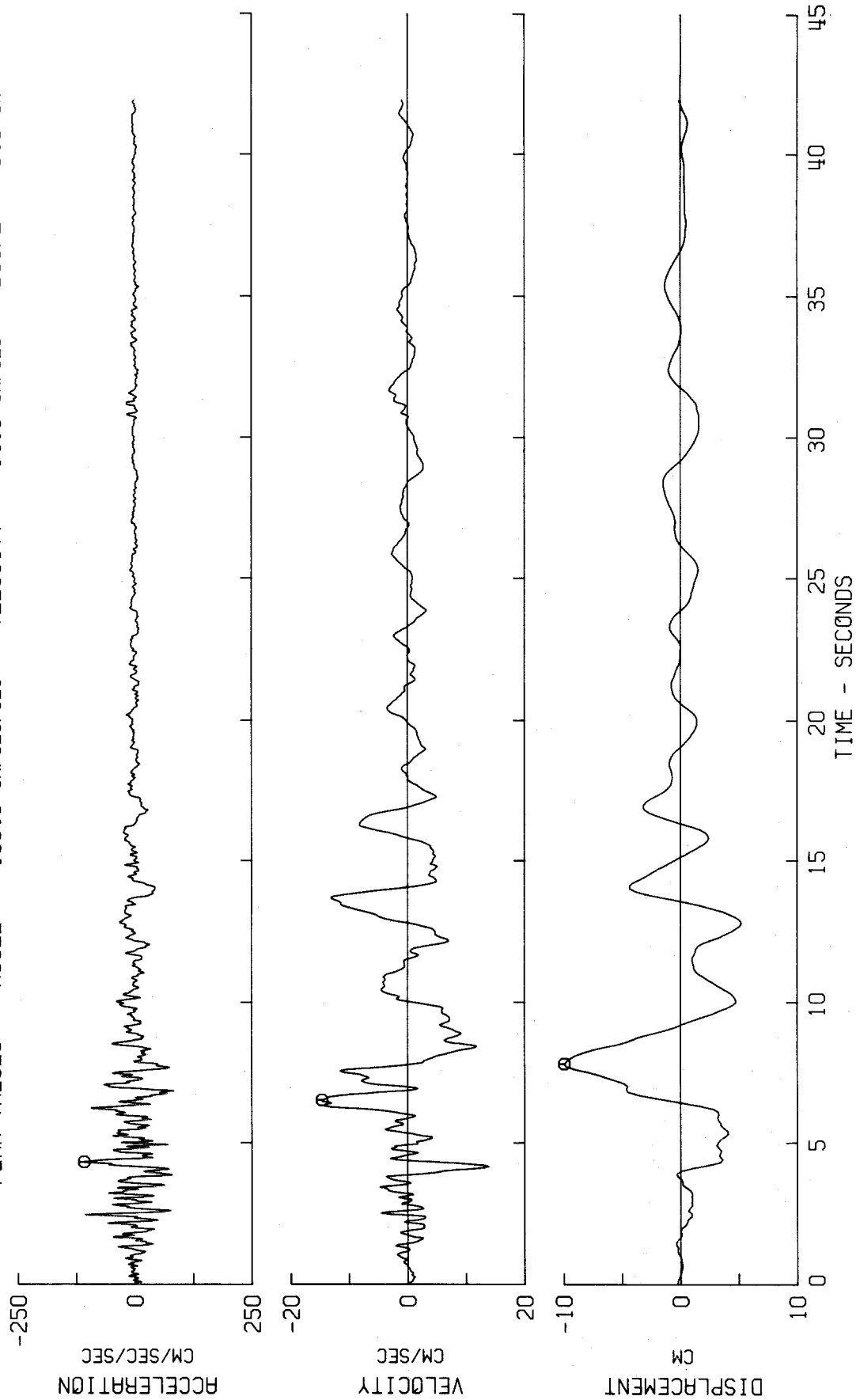
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP216 71.055.0 4867 SUNSET BOULEVARD, 7TH FLOOR, LOS ANGELES, CAL. COMP S89W
 ◊ PEAK VALUES : ACCEL = -425.6 CM/SEC/SEC VELOCITY = 45.5 CM/SEC DISPL = 14.8 CM



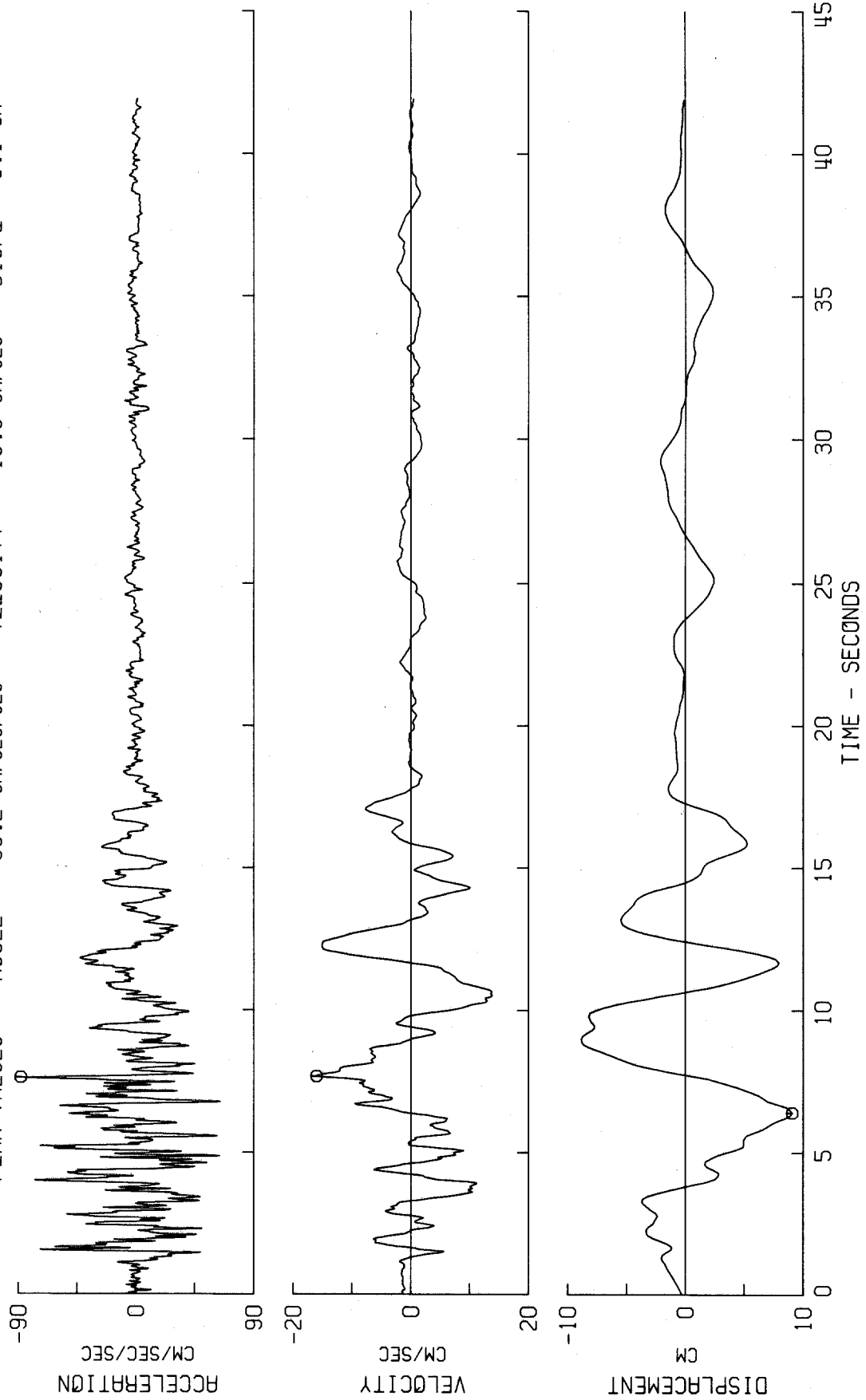
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP216 71.055.0 4867 SUNSET BOULEVARD, 7TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 Ø PEAK VALUES : ACCEL = 154.2 CM/SEC/SEC VELOCITY = 11.8 CM/SEC DISPL = 6.4 CM



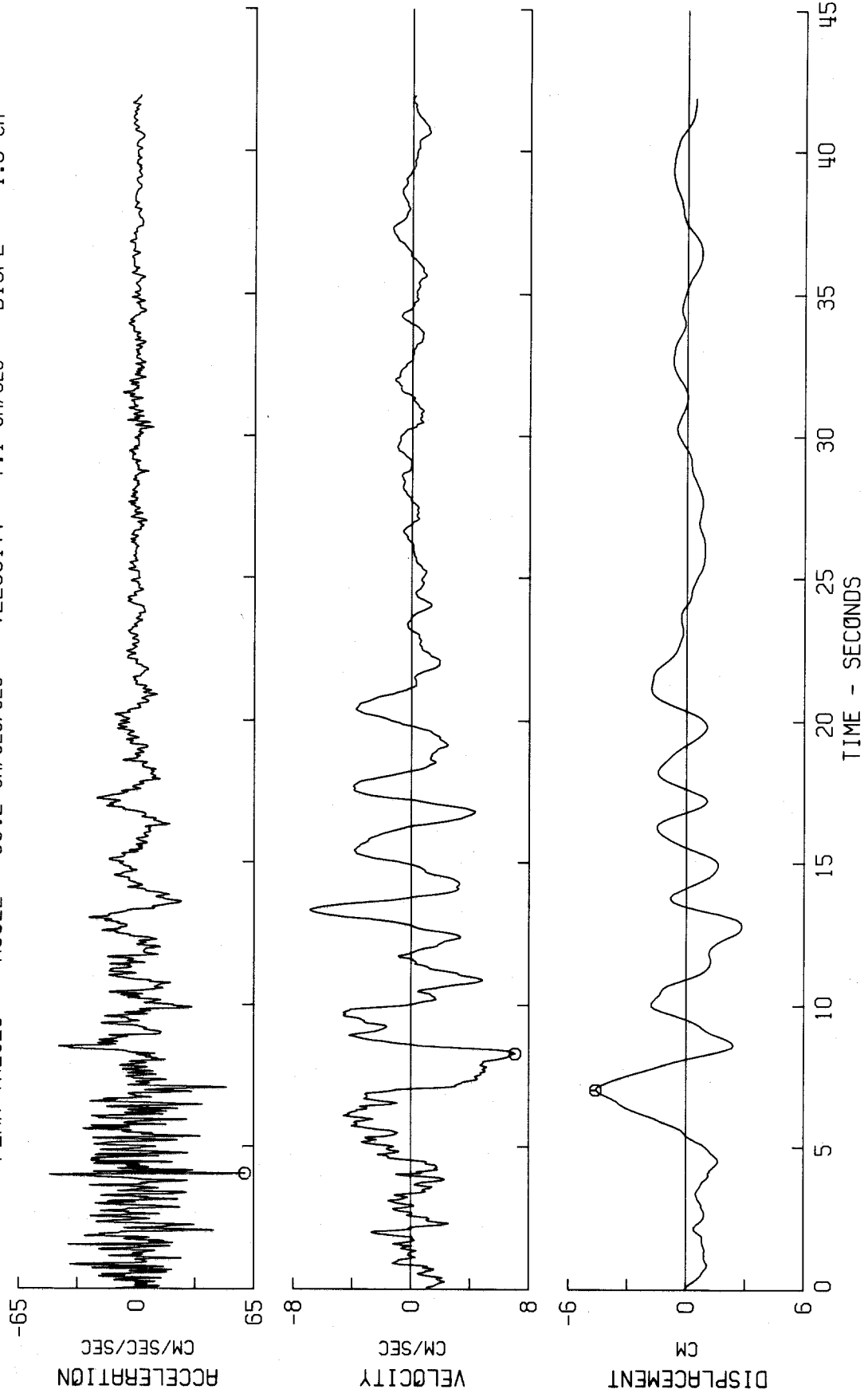
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP217 71.108.0 3345 WILSHIRE BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP S00W
PEAK VALUES : ACCEL = -108.3 CM/SEC/SEC VELOCITY = -14.6 CM/SEC DISPL = -9.9 CM



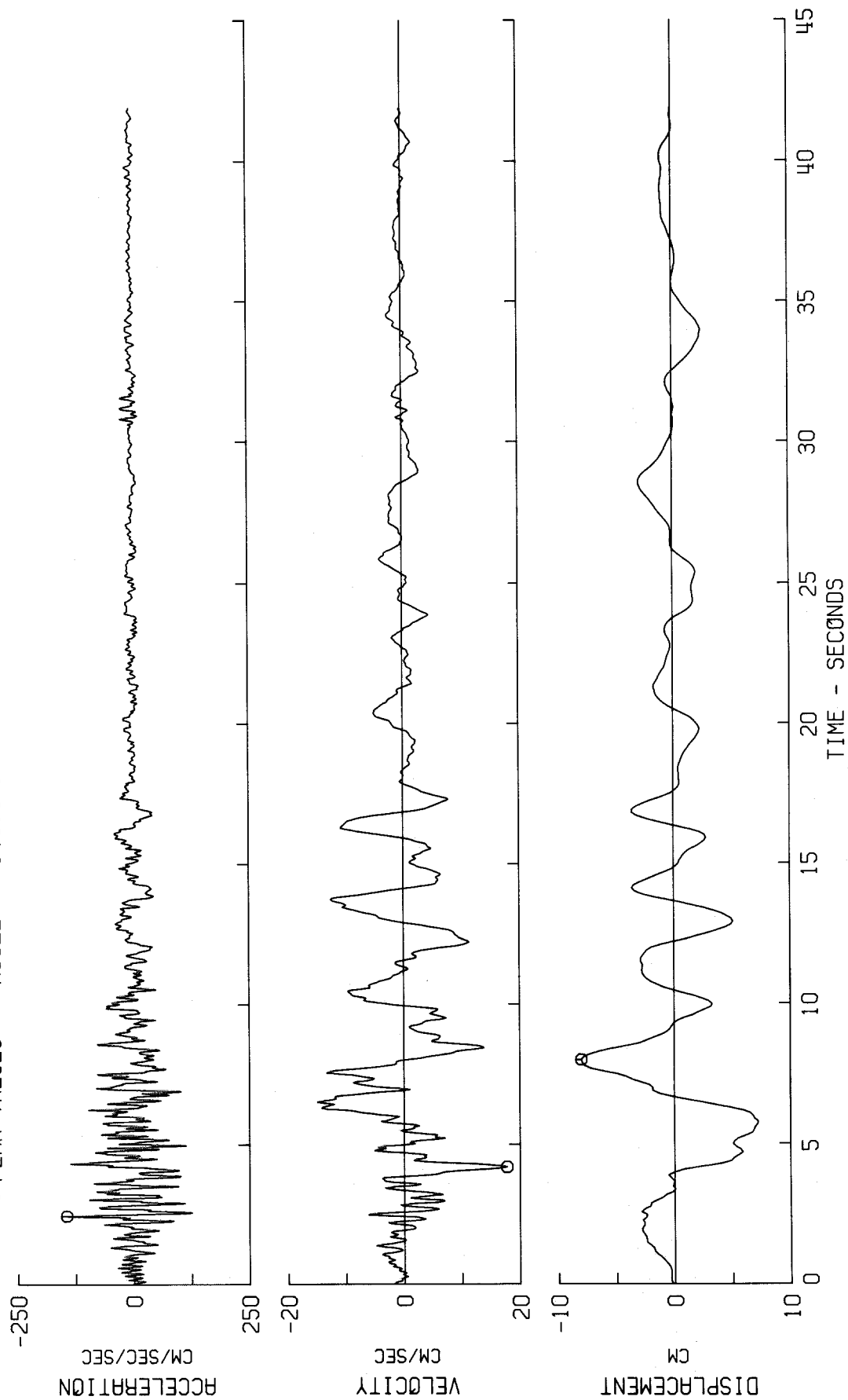
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP217 71.108.0 3345 WILSHIRE BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP N90E
PEAK VALUES: ACCEL = -88.2 CM/SEC/SEC VELOCITY = -16.0 CM/SEC DISPL = 9.1 CM



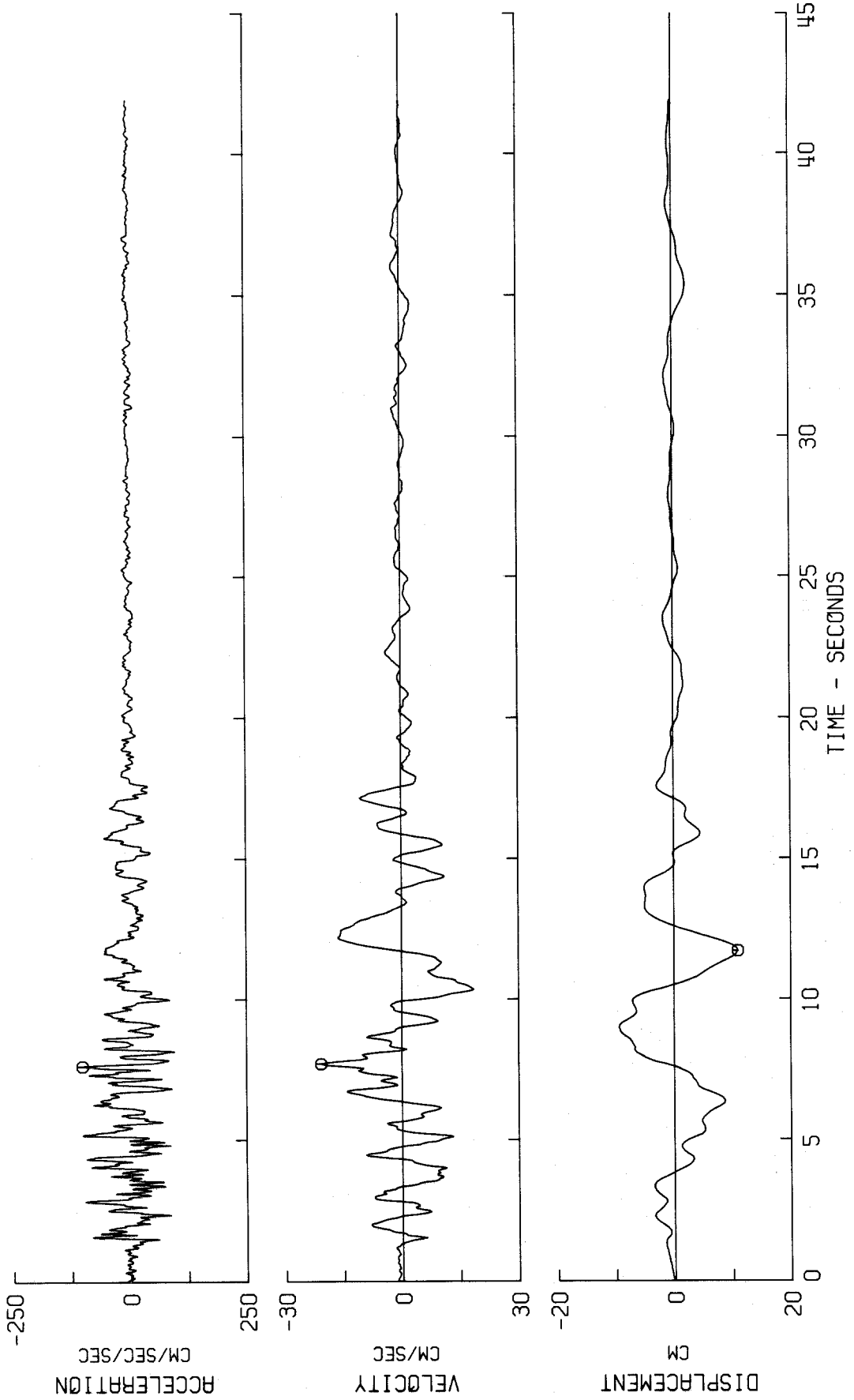
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP217 71.108.0 3345 WILSHIRE BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP DOWN
O PEAK VALUES : ACCEL = 60.2 CM/SEC/SEC VELOCITY = 7.1 CM/SEC DISPL = -4.6 CM



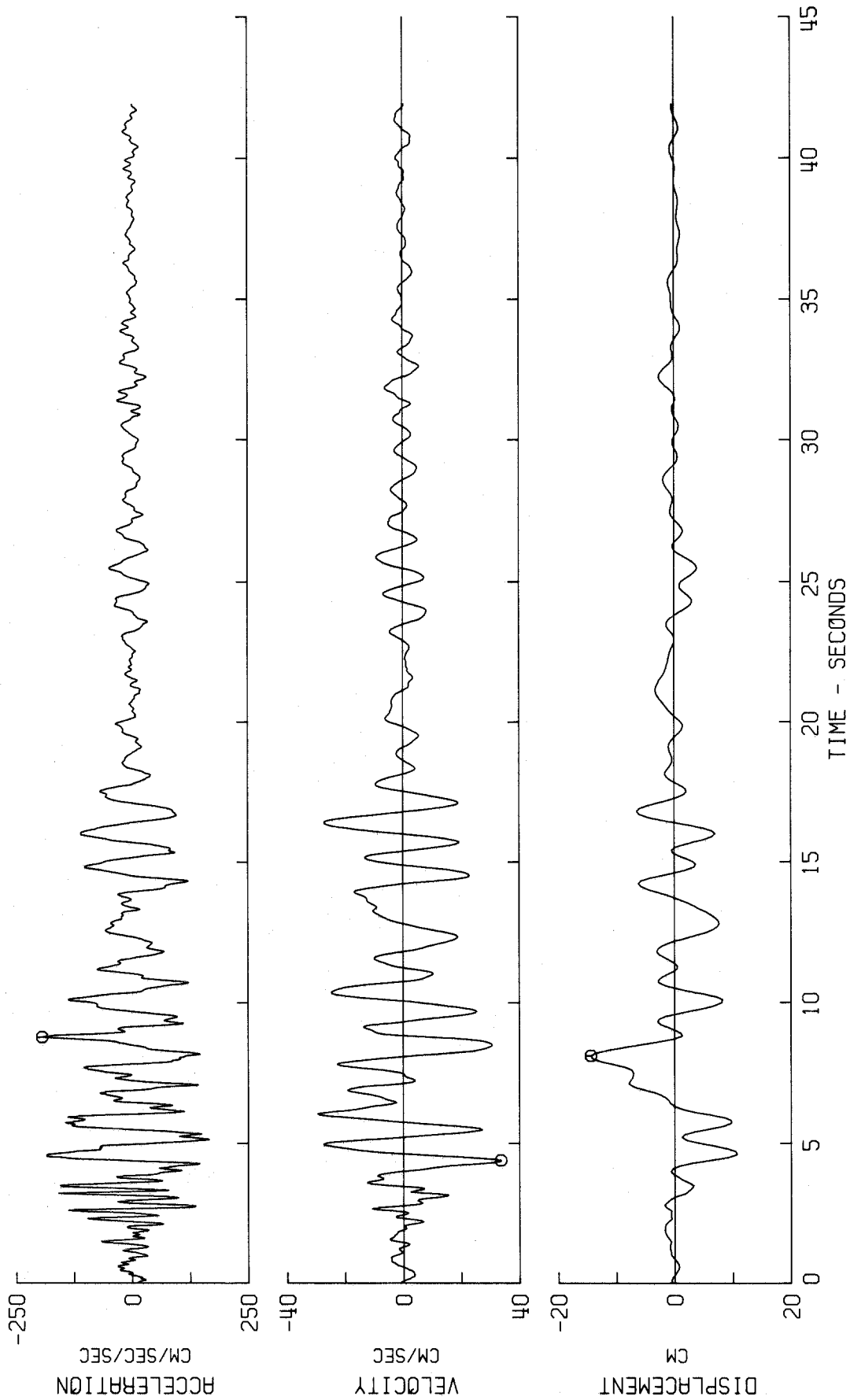
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP218 71.109.0 3345 WILSHIRE BOULEVARD, 2ND FLOOR, LOS ANGELES, CAL. COMP S00W
PEAK VALUES : ACCEL = -144.4 CM/SEC/SEC VELOCITY = 17.8 CM/SEC DISPL = -8.0 CM



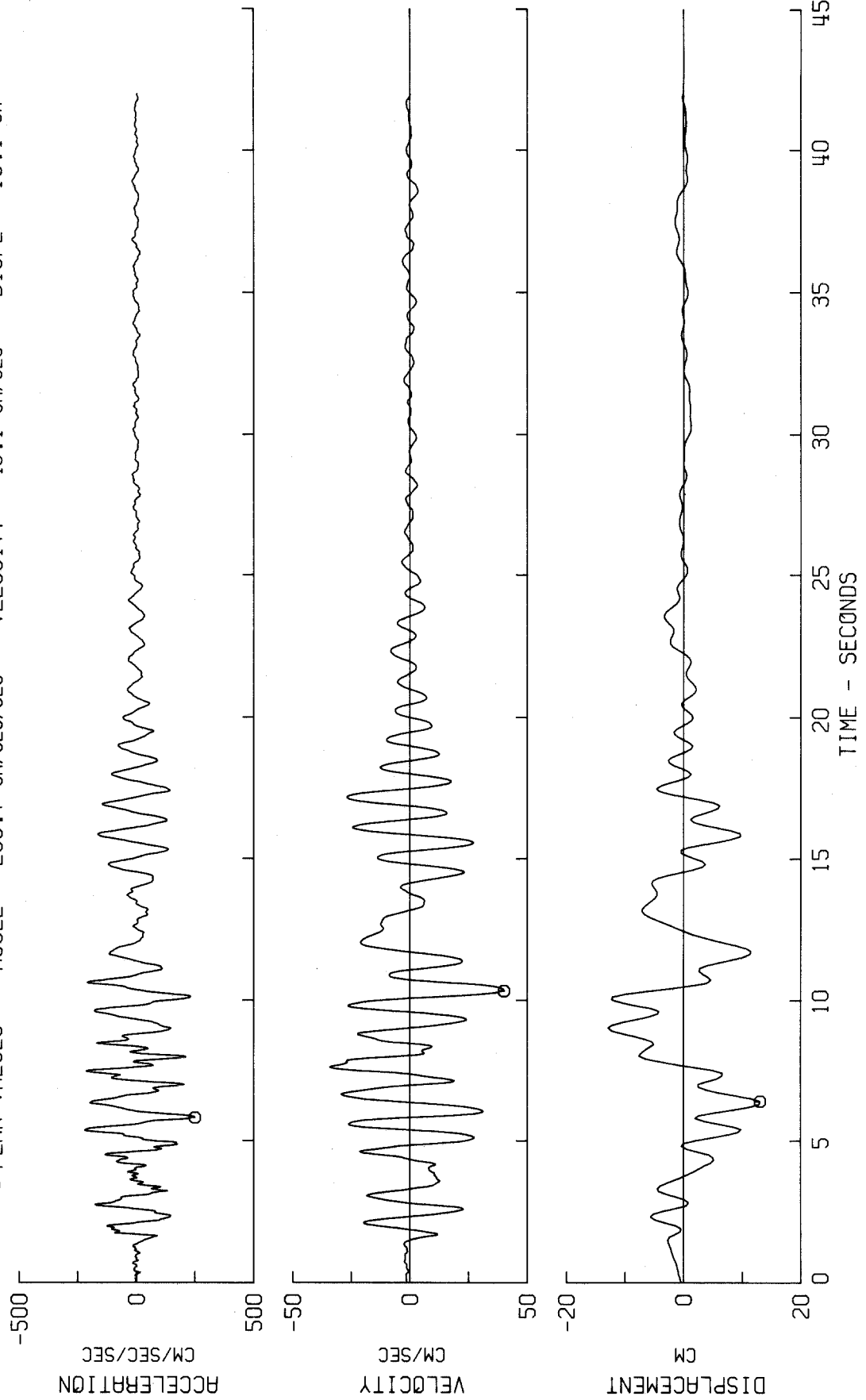
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP218 71.109.0 3345 WILSHIRE BOULEVARD, 2ND FLOOR, LOS ANGELES, CAL. COMP N90E
 PEAK VALUES: ACCEL = -101.1 CM/SEC/SEC VELOCITY = -20.8 CM/SEC DISPL = 11.0 CM



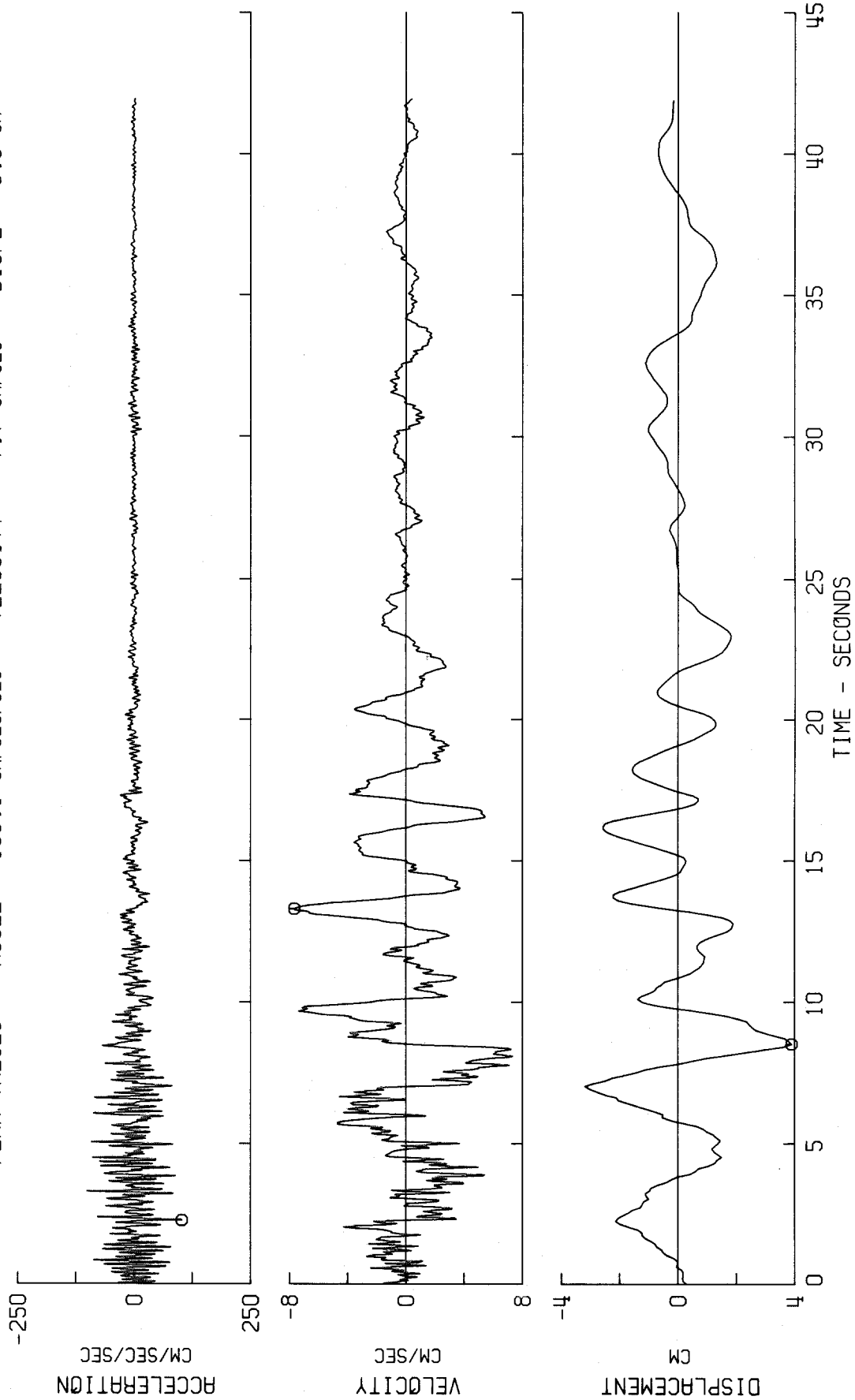
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP219 71.110.0 3345 WILSHIRE BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL. COMP S00W
 O PEAK VALUES : ACCEL = -193.6 CM/SEC/SEC VELOCITY = 33.6 CM/SEC DISPL = -14.4 CM



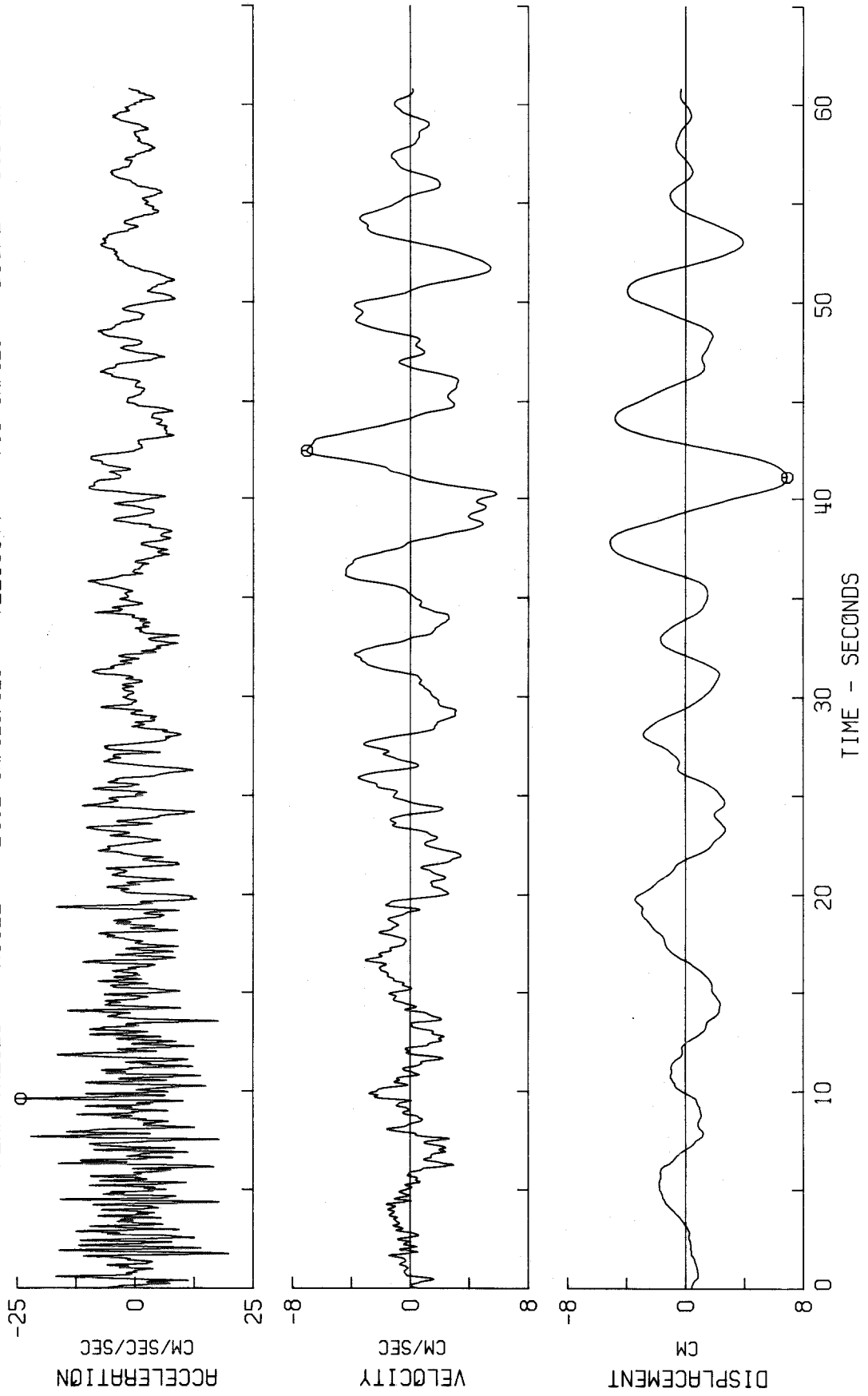
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP219 71.110.0 3345 WILSHIRE BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL: COMP N90E
PEAK VALUES: ACCEL = 250.7 CM/SEC/SEC VELOCITY = 40.1 CM/SEC DISPL = 13.1 CM



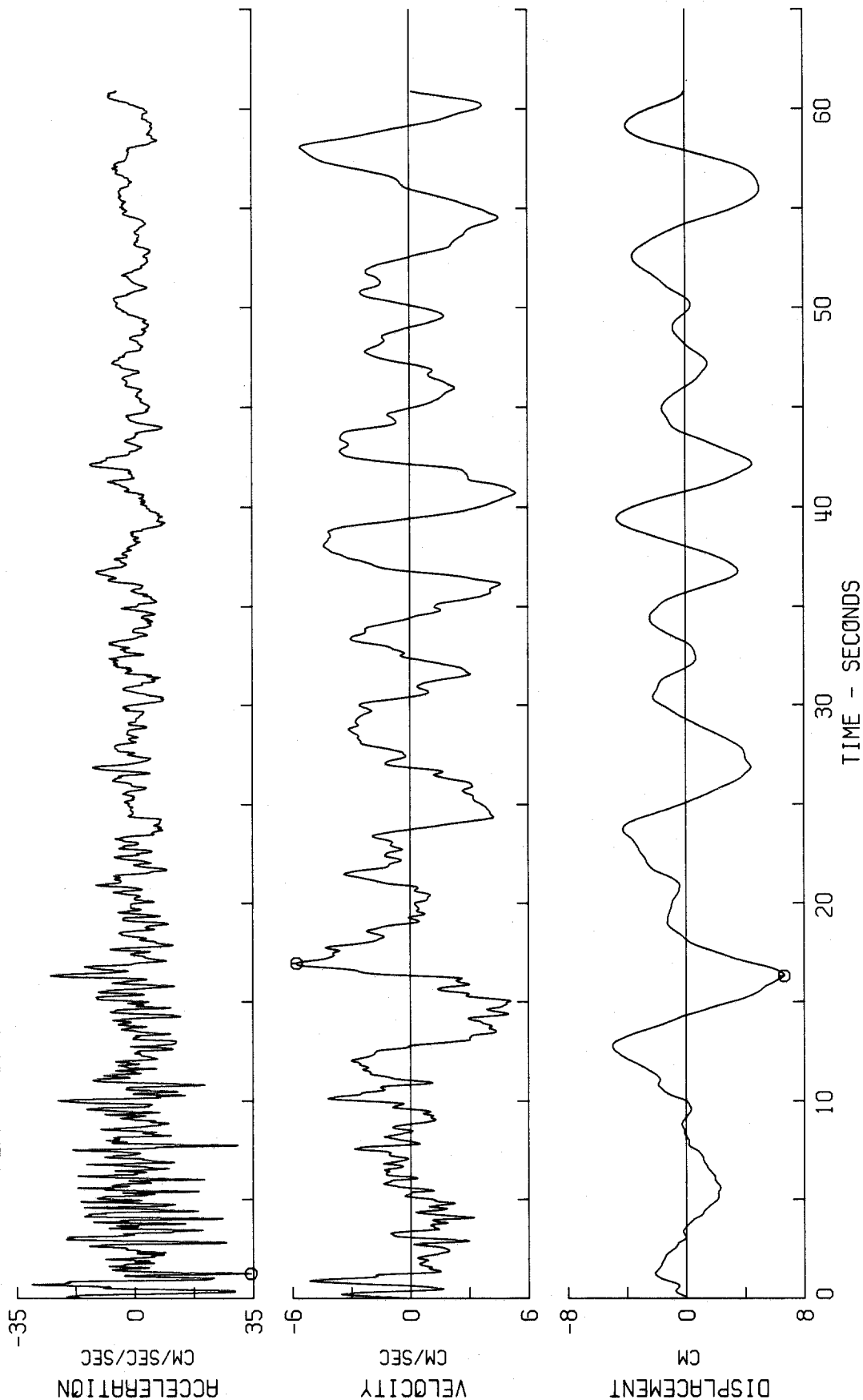
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP219 71.110.0 3345 WILSHIRE BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = 103.1 CM/SEC/SEC VELOCITY = -7.7 CM/SEC DISPL = 3.9 CM



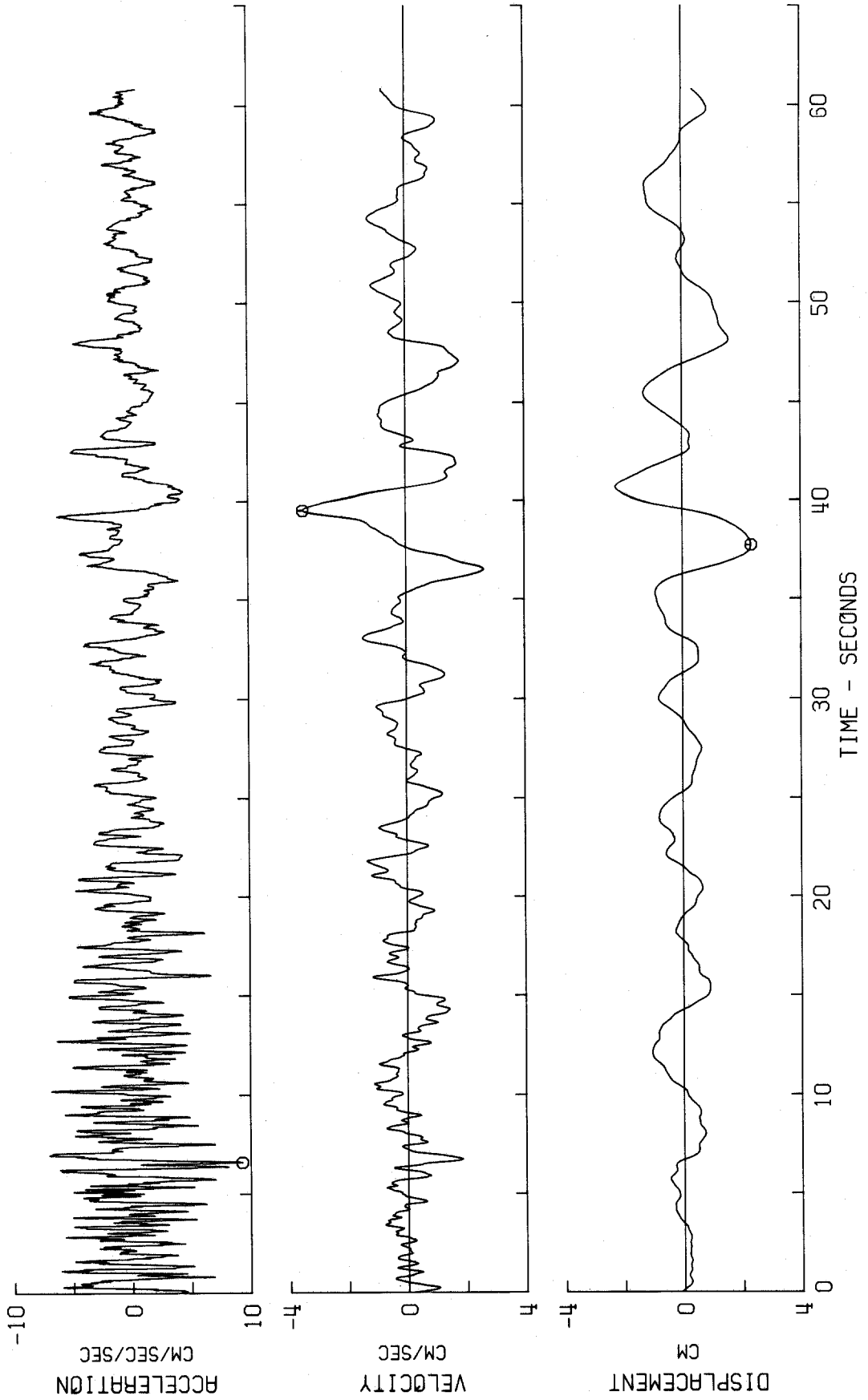
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP220 71.148.0 666 WEST 19TH STREET, GROUND FLOOR, COSTA MESA, CAL. COMP SOOW
○ PEAK VALUES : ACCEL = -24.2 CM/SEC/SEC VELOCITY = -7.0 CM/SEC DISPL = 6.9 CM



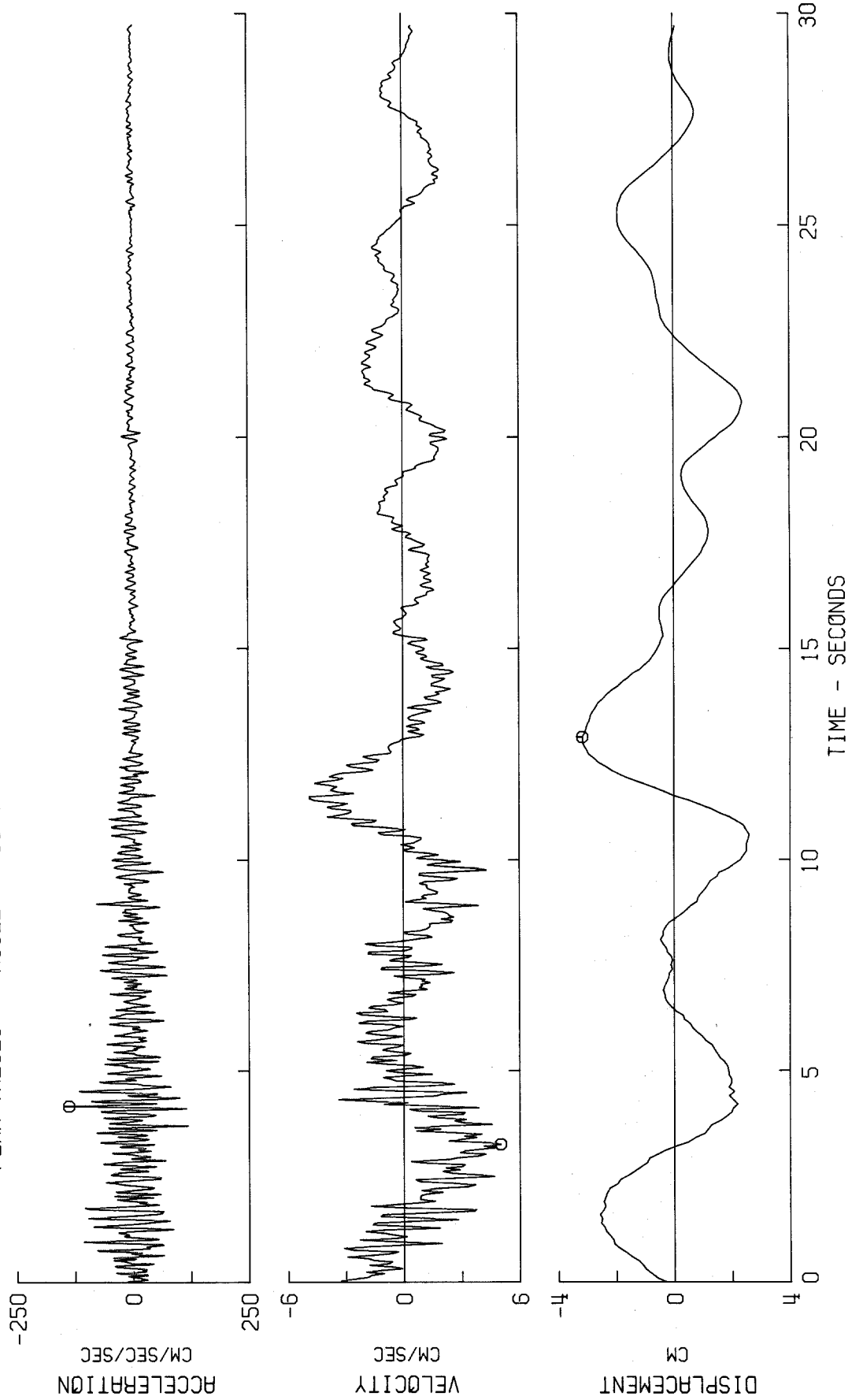
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP220 71.148.0 666 WEST 19TH STREET, GROUND FLOOR, COSTA MESA, CAL. COMP N90E
 o PEAK VALUES : ACCEL = 34.3 CM/SEC/SEC VELOCITY = -5.8 CM/SEC DISPL = 6.7 CM



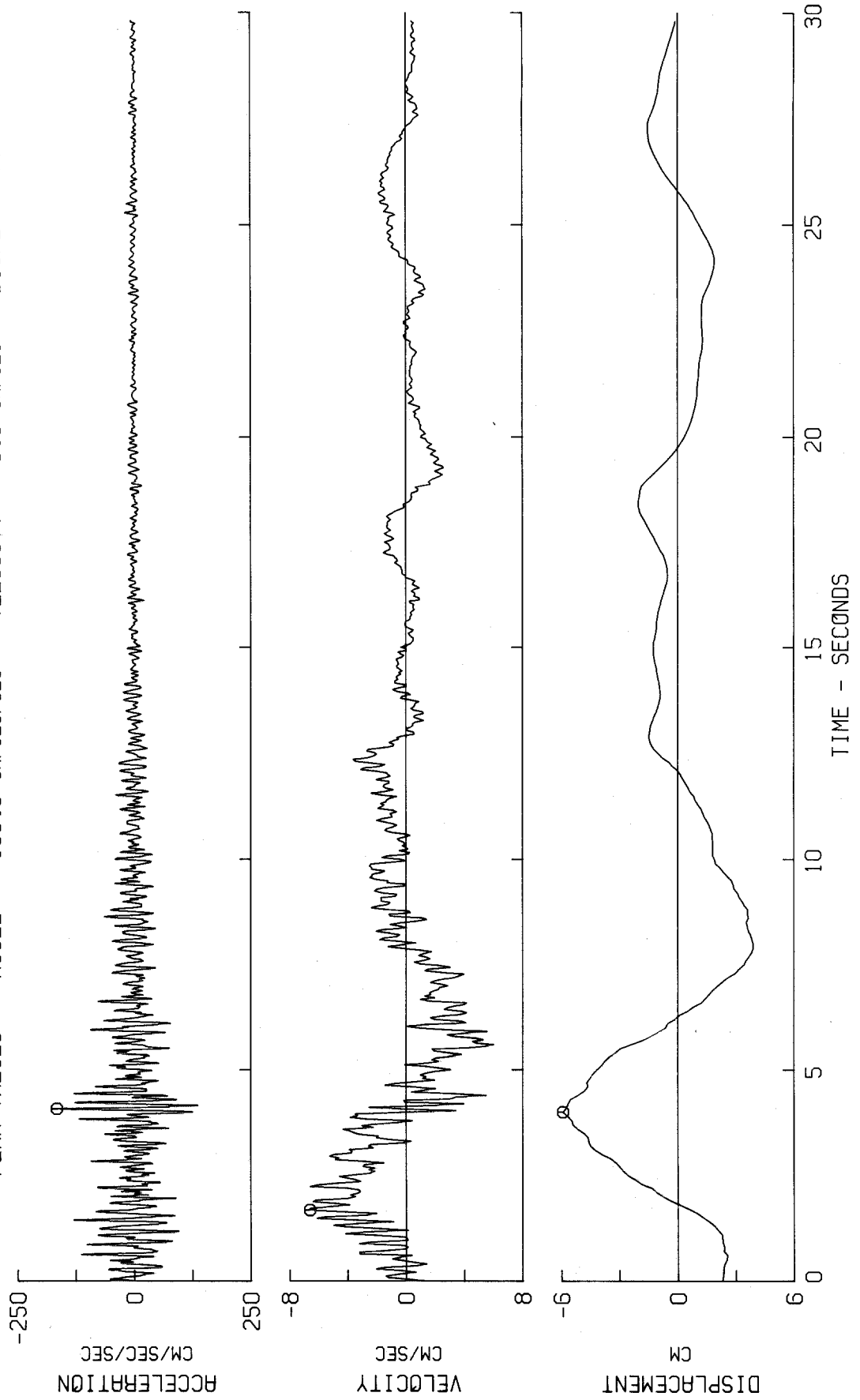
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP220 71.148.0 666 WEST 19TH STREET, GROUND FLOOR, COSTA MESA, CAL. COMP DOWN
Ø PEAK VALUES : ACCEL = 9.3 CM/SEC/SEC VELOCITY = -3.5 CM/SEC DISPL = 2.3 CM



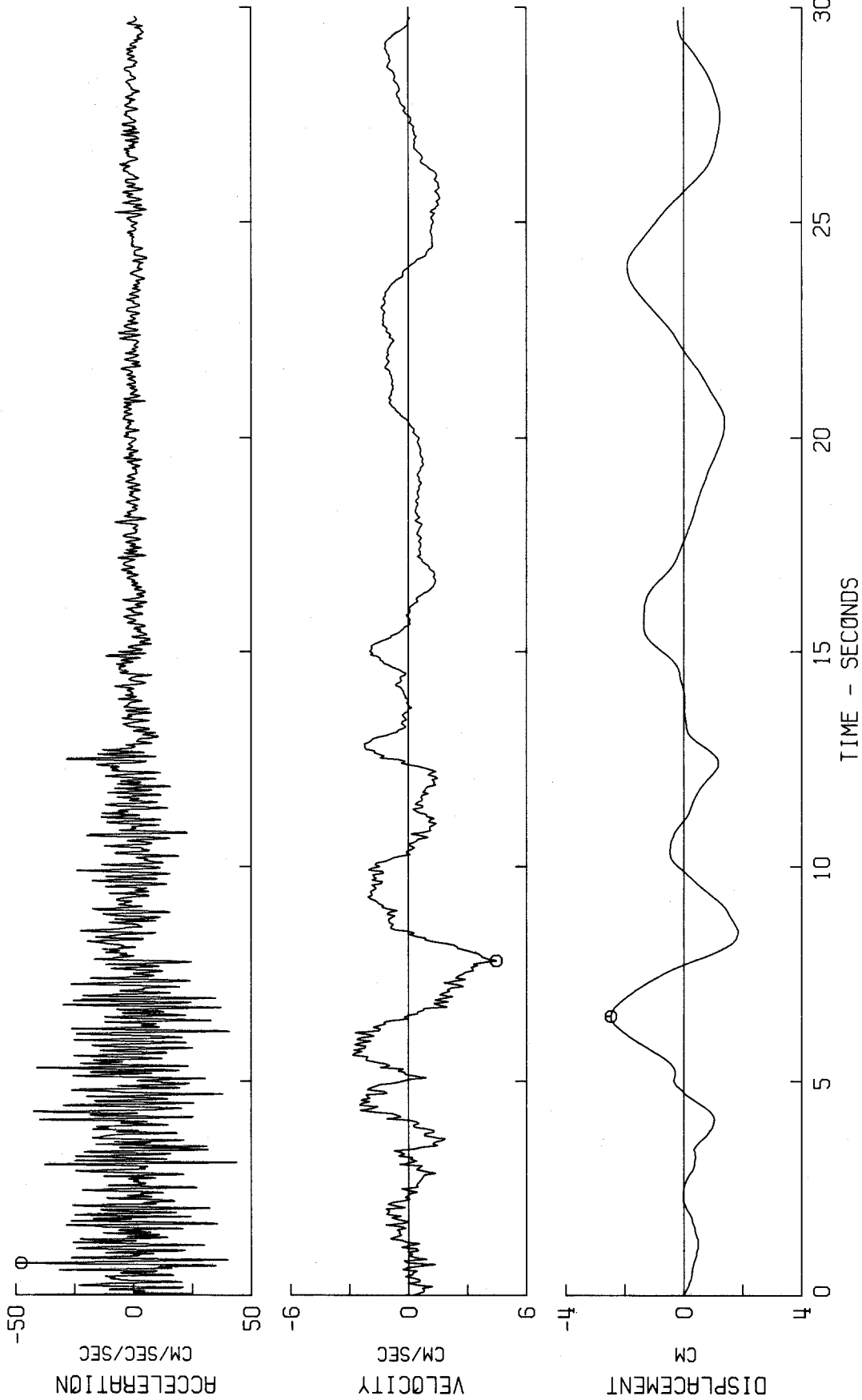
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP221 71.150.0 SANTA ANITA RESERVOIR, ARCADIA, CAL. COMP N03E
PEAK VALUES : ACCEL = -137.7 CM/SEC/SEC VELOCITY = 5.0 CM/SEC DISPL = -3.1 CM



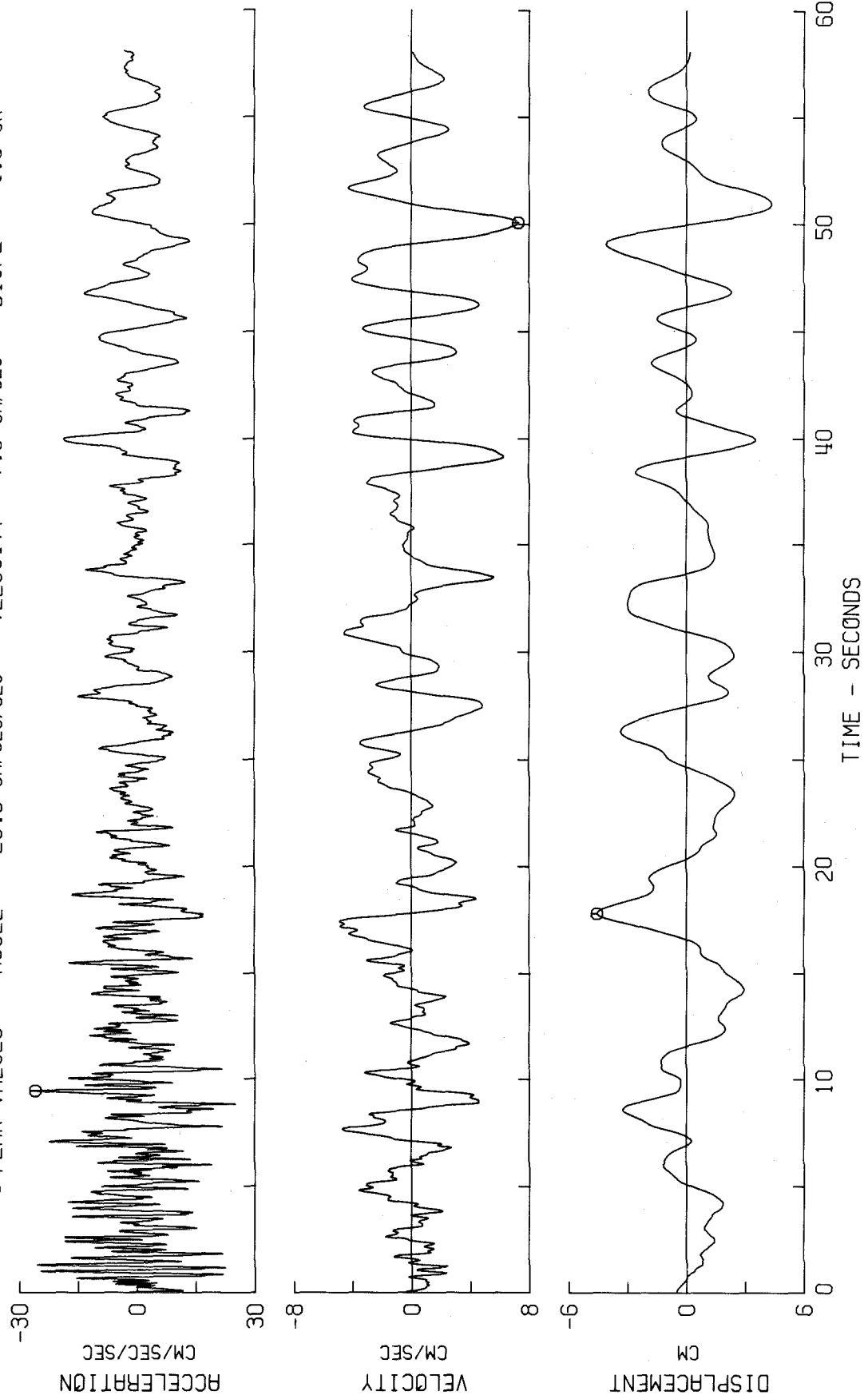
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP221 71.150.0 SANTA ANITA RESERVOIR, ARCADIA, CAL. COMP N87W
PEAK VALUES : ACCEL = -165.8 CM/SEC/SEC VELOCITY = -6.6 CM/SEC DISPL = -5.9 CM



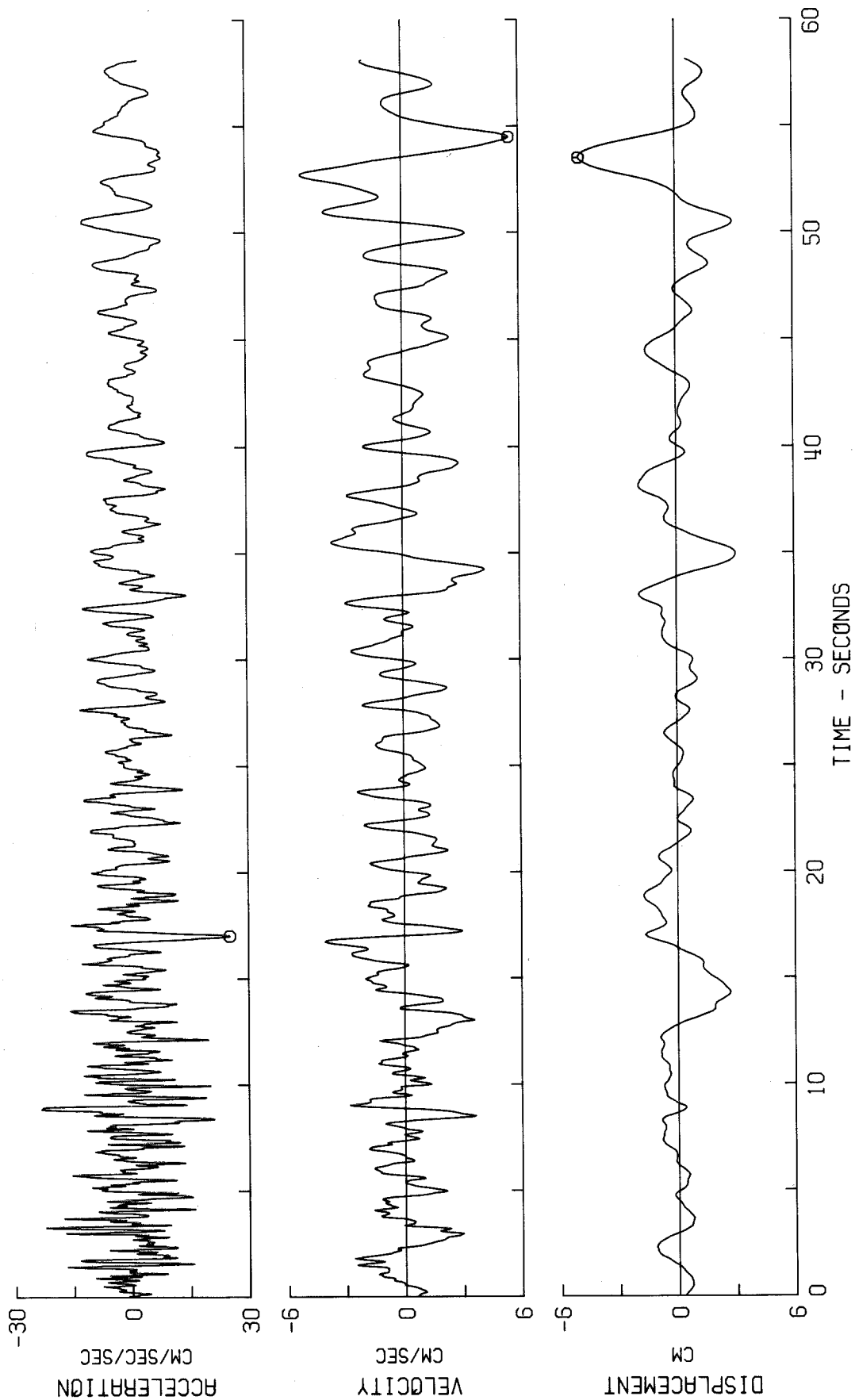
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP221 71.150.0 SANTA ANITA RESERVOIR, ARCADIA, CAL. COMP DOWN
 Ø PEAK VALUES : ACCEL = -47.6 CM/SEC/SEC VELOCITY = 4.5 CM/SEC DISPL = -2.5 CM



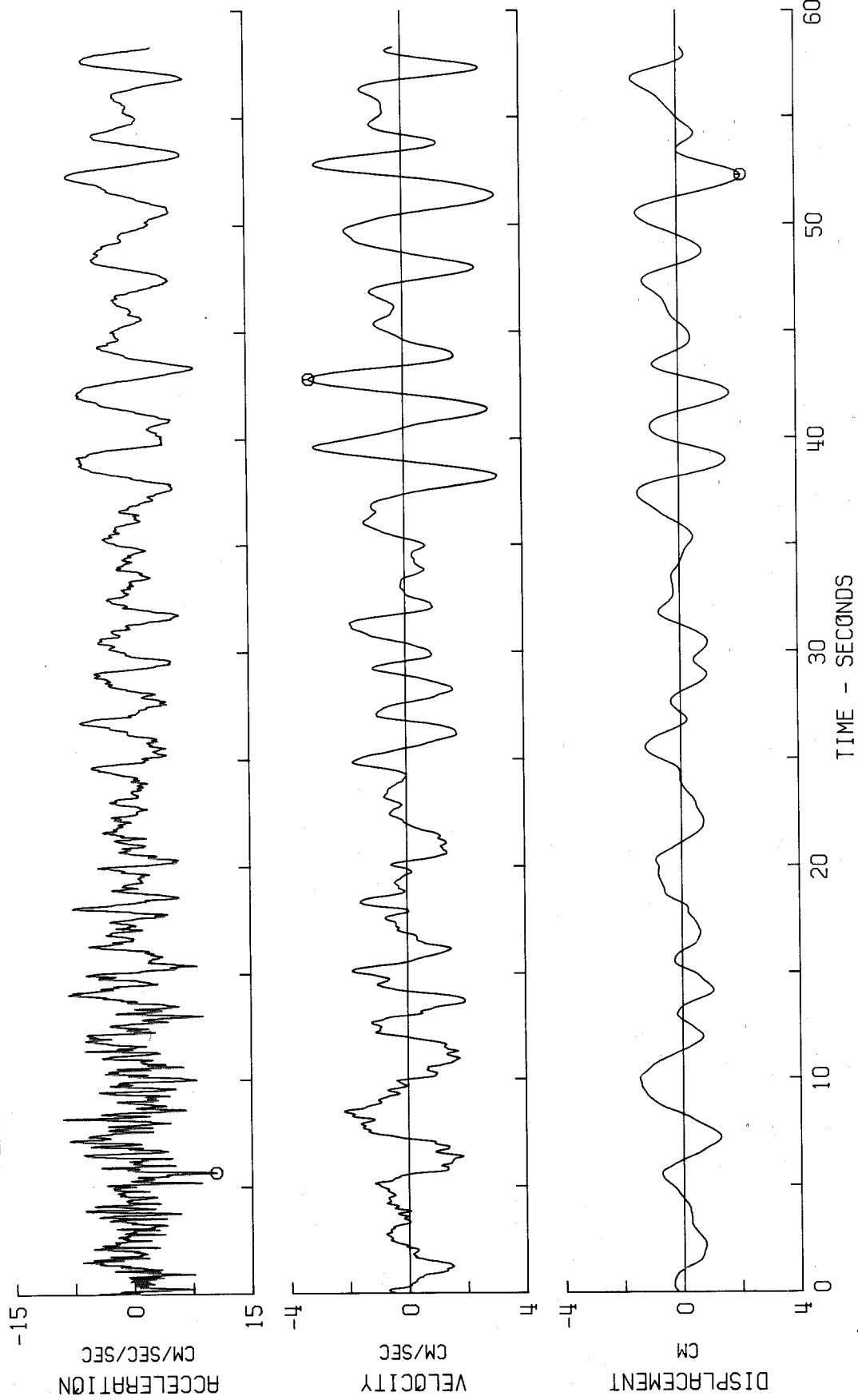
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP222 71.151.0 PORT HUENEME, NAVY LABORATORY, CAL. COMP 500W
 ○ PEAK VALUES : ACCEL = -25.9 CM/SEC/SEC VELOCITY = 7.3 CM/SEC DISPL = -4.5 CM



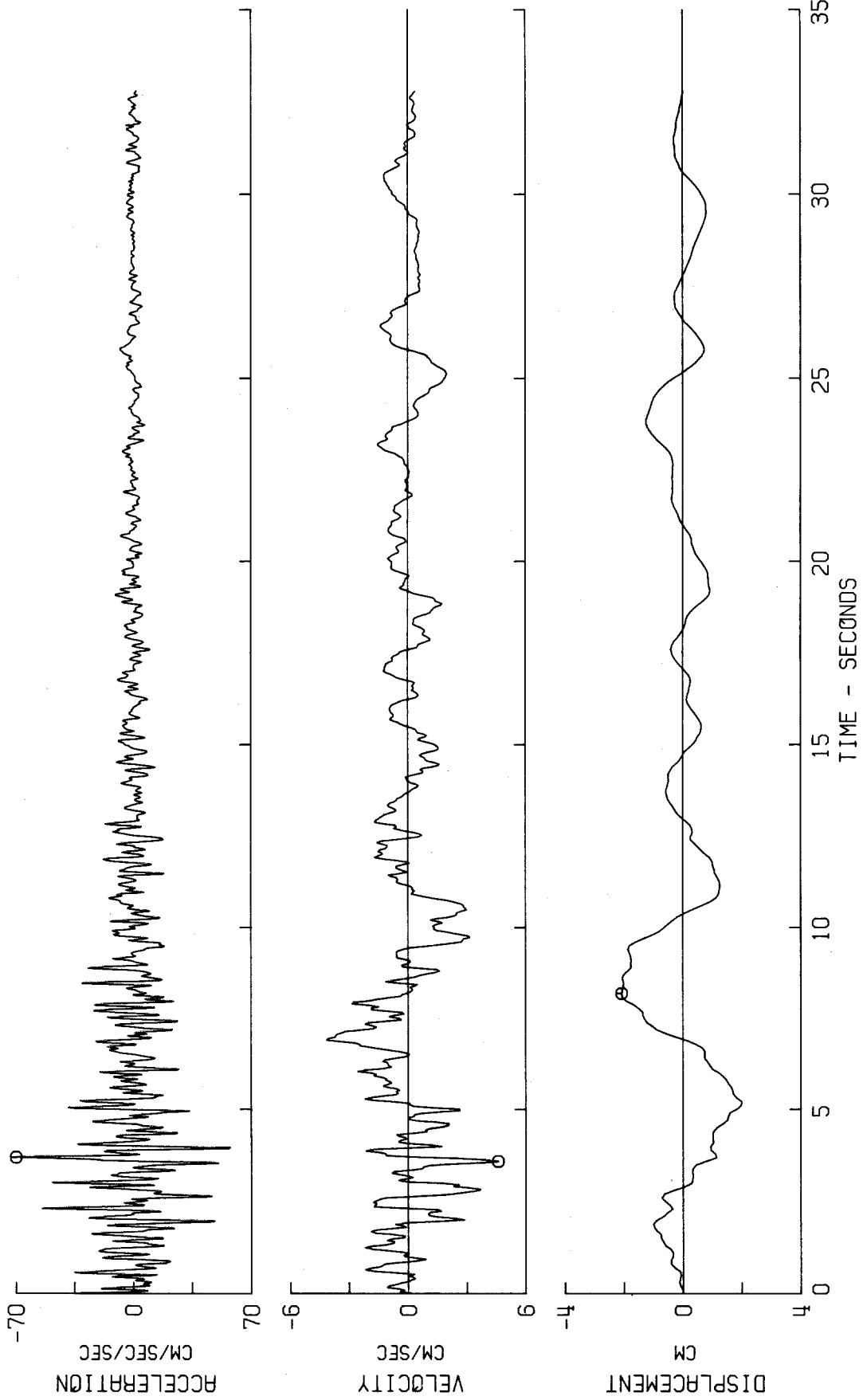
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP222 71.151.0 PORT HUENEME, NAVY LABORATORY, CAL. COMP S90W
 ○ PEAK VALUES : ACCEL = 25.2 CM/SEC/SEC VELOCITY = 5.5 CM/SEC DISPL = -4.9 CM



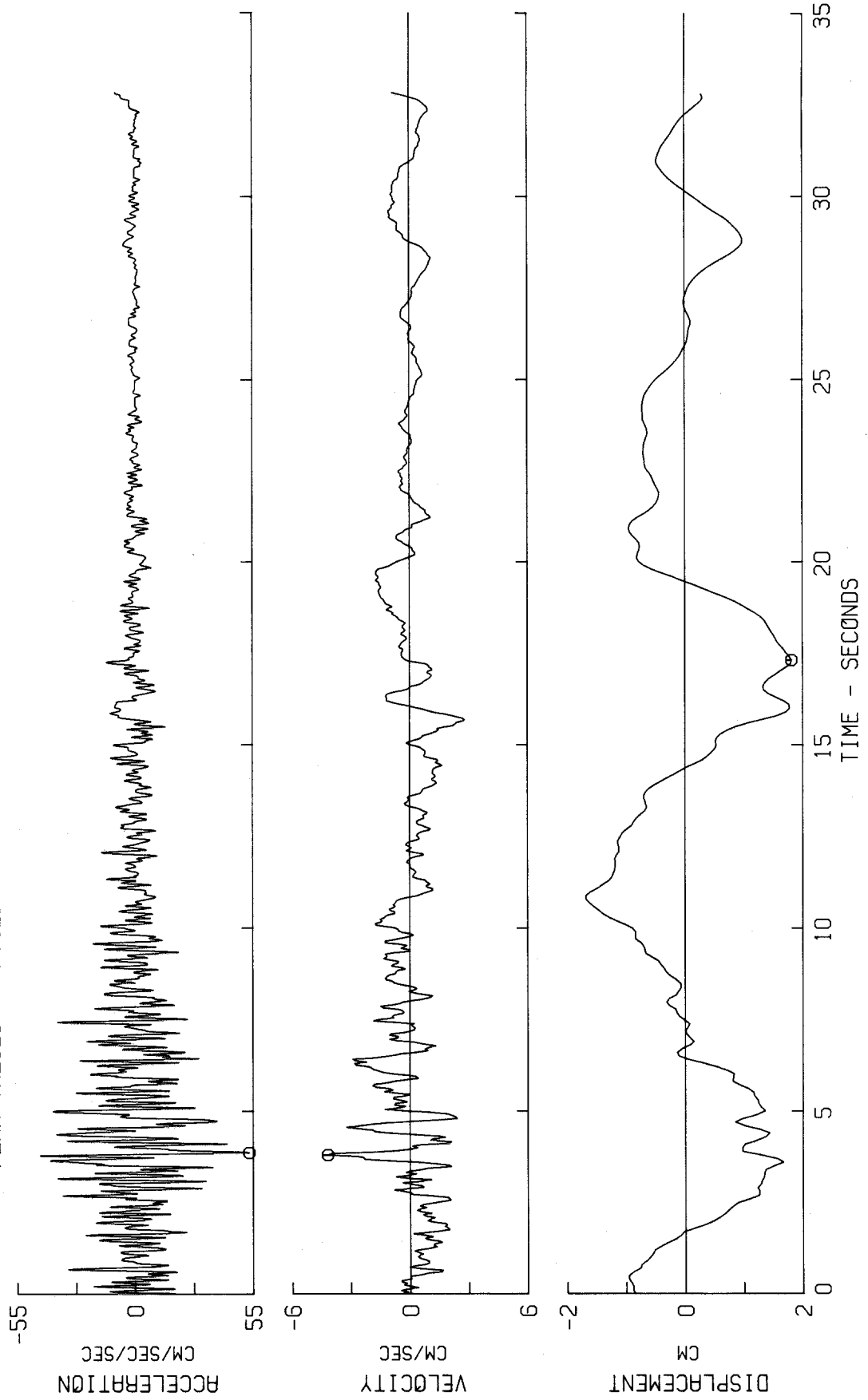
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP222 71.151.0 PORT HUENEME, NAVY LABORATORY, CAL. COMP UP
 ○ PEAK VALUES : ACCEL = 10.5 CM/SEC/SEC VELOCITY = -3.2 CM/SEC DISPL = 2.2 CM



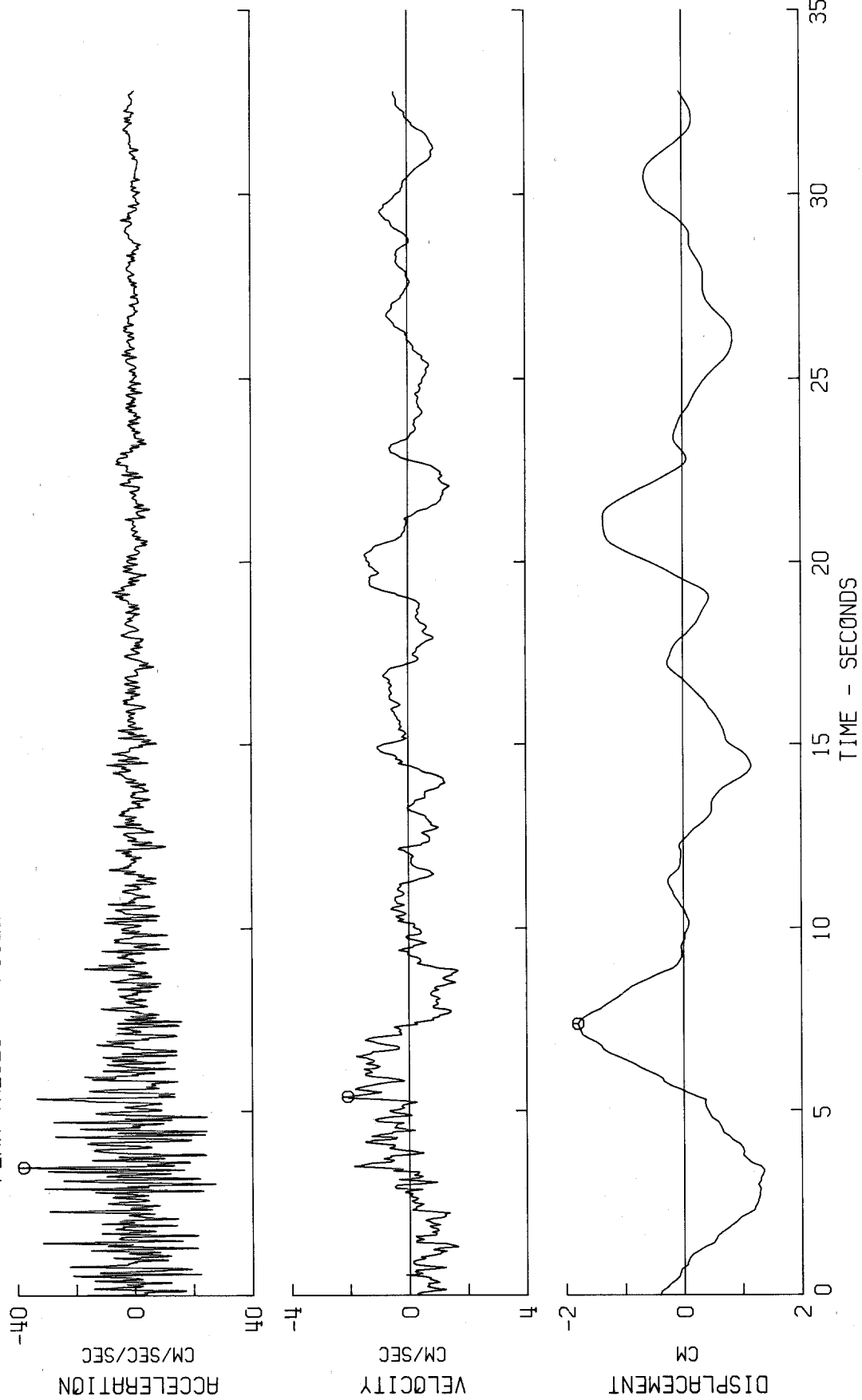
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP223 71.153.0 PUDDINGSTONE RESERVOIR, SAN DIMAS, CAL. COMP N55E
PEAK VALUES : ACCEL = -69.7 CM/SEC/SEC VELOCITY = 4.6 CM/SEC DISPL = -2.1 CM



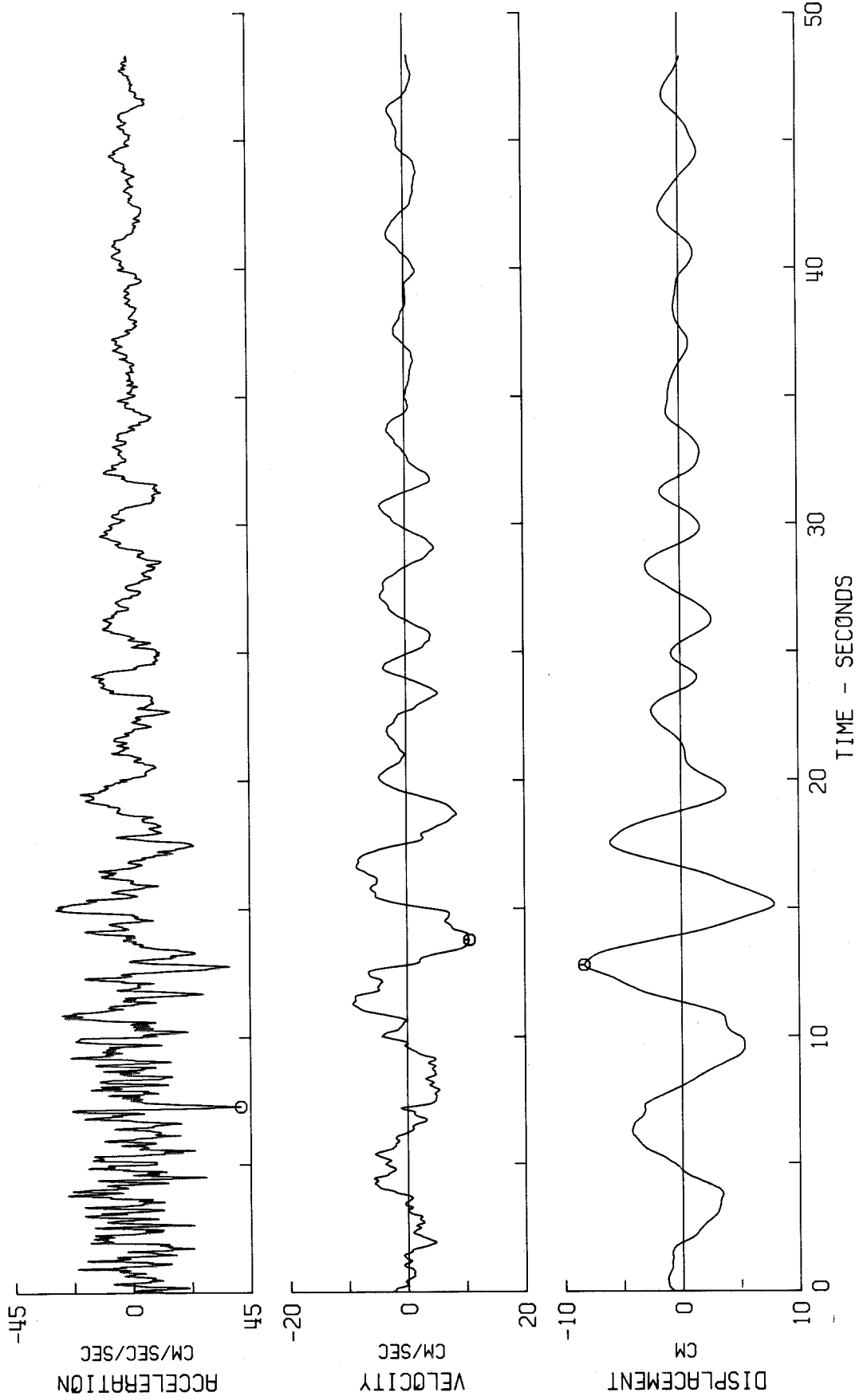
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP223 71.153.0 PUDDINGSTONE RESERVOIR, SAN DIMAS, CAL. COMP N35W
PEAK VALUES : ACCEL = 53.3 CM/SEC/SEC VELOCITY = -4.2 CM/SEC DISPL = 1.8 CM



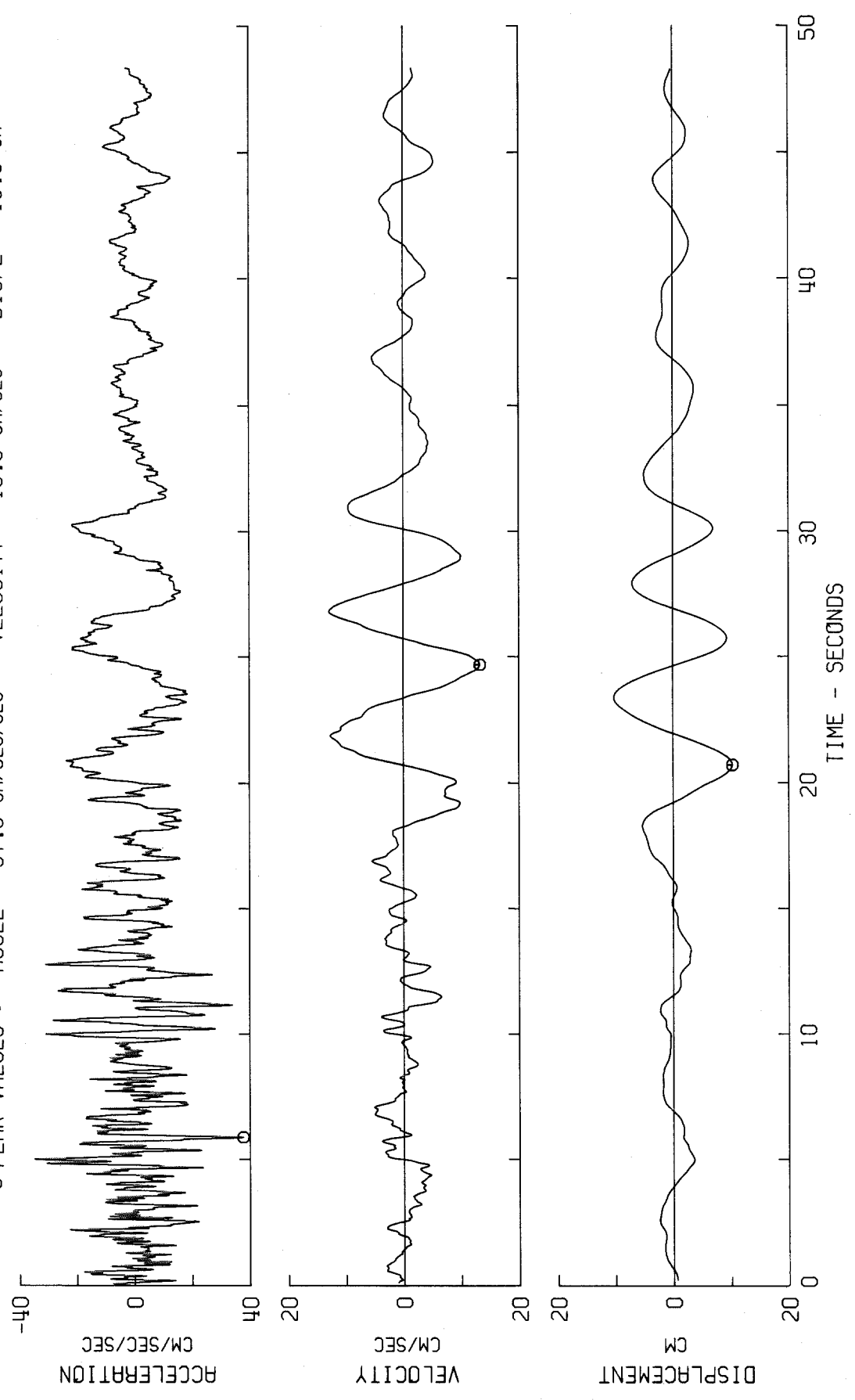
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP223 71.153.0 PUDDINGSTONE RESERVOIR, SAN DIMAS, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = -37.8 CM/SEC/SEC VELOCITY = -2.1 CM/SEC DISPL = -1.8 CM



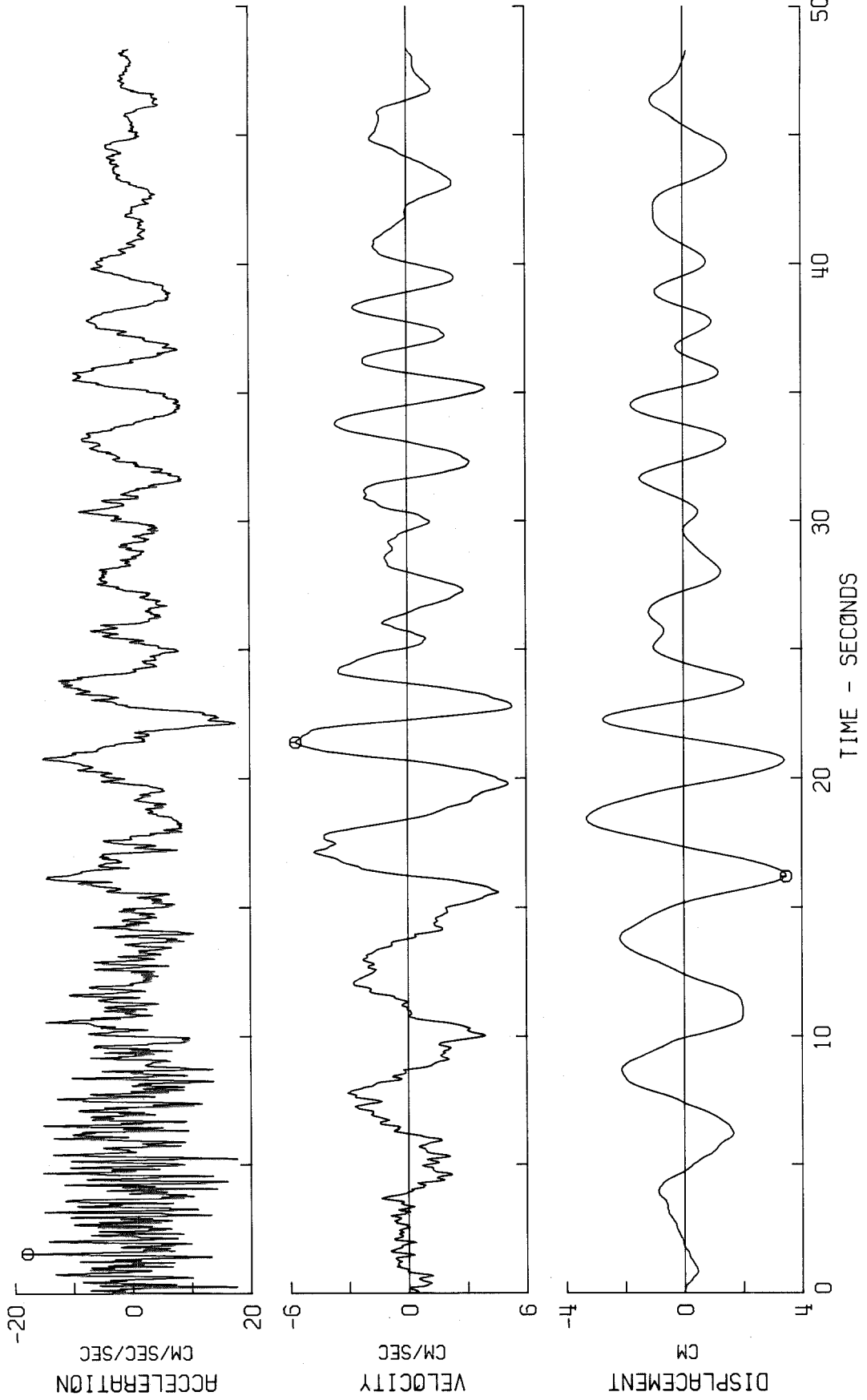
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP231 71.160.0 9841 AIRPORT BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP NOOE
PEAK VALUES : ACCEL = 41.3 CM/SEC/SEC VELOCITY = 10.7 CM/SEC DISPL = -8.3 CM



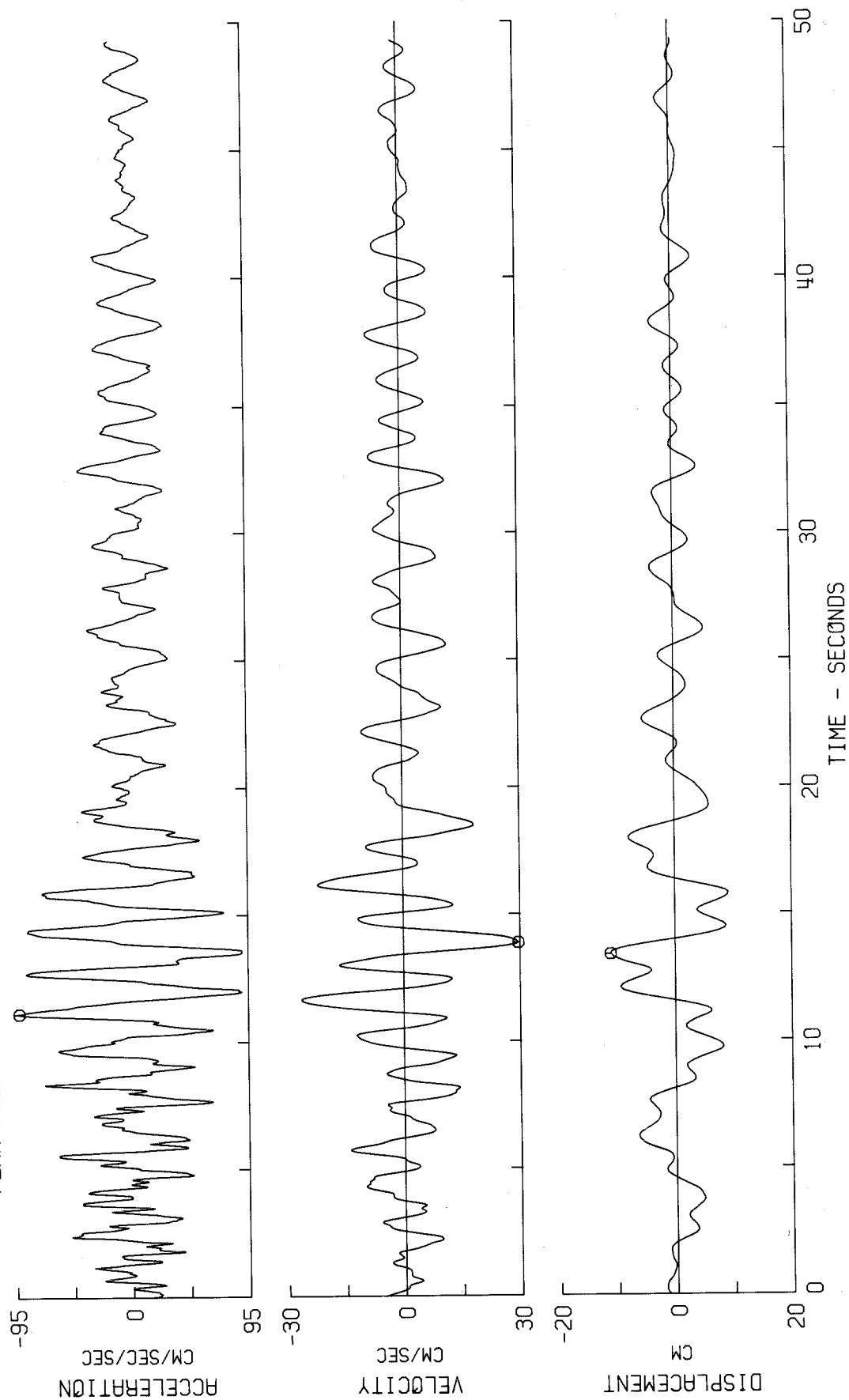
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP231 71.160.0 9841 AIRPORT BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP S90W
 PEAK VALUES : ACCEL = 37.8 CM/SEC/SEC VELOCITY = 13.3 CM/SEC DISPL = 10.3 CM



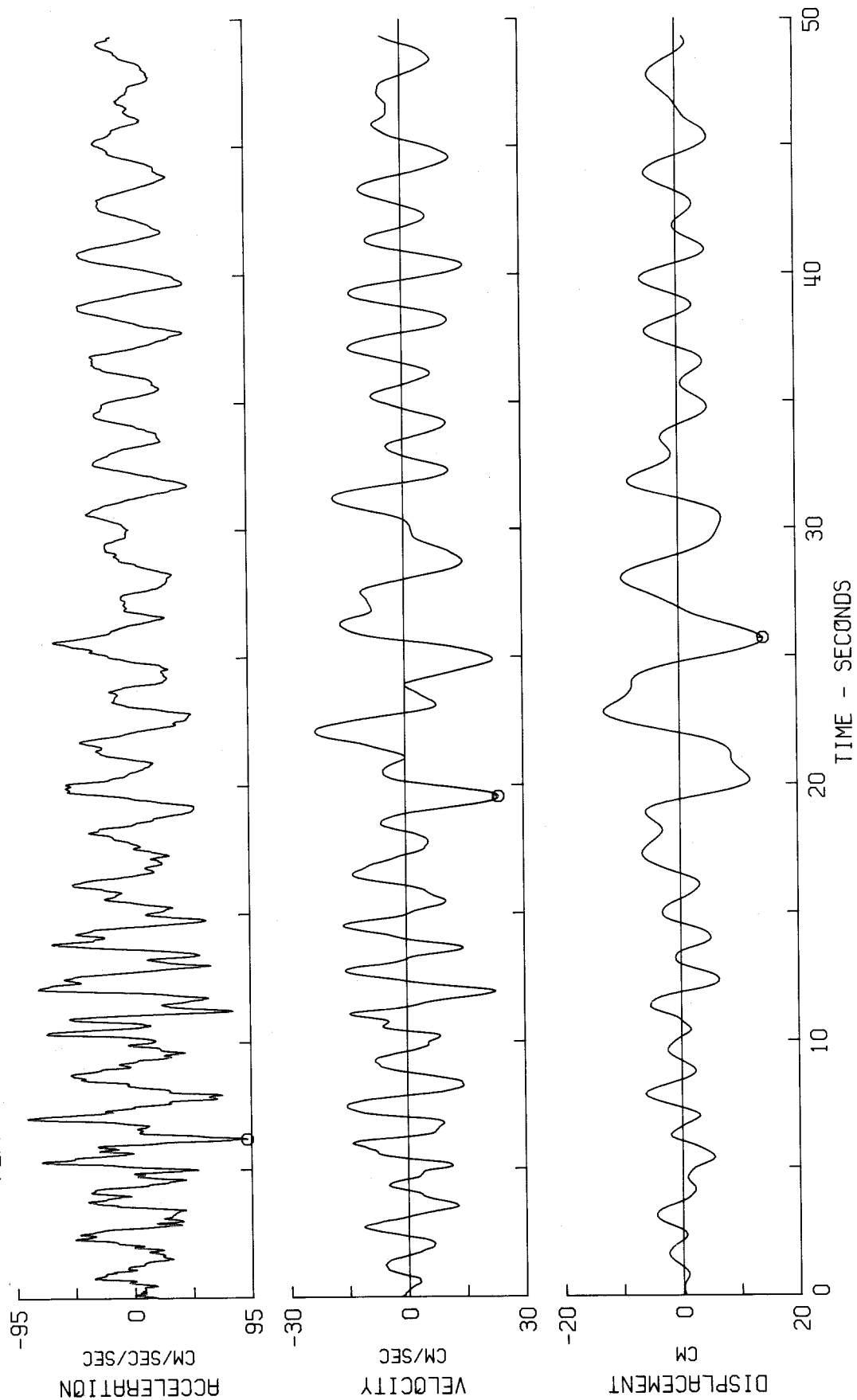
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP231 71.160.0 9841 AIRPORT BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP UP
O PEAK VALUES : ACCEL = -17.9 CM/SEC/SEC VELOCITY = -5.7 CM/SEC DISPL = 3.5 CM



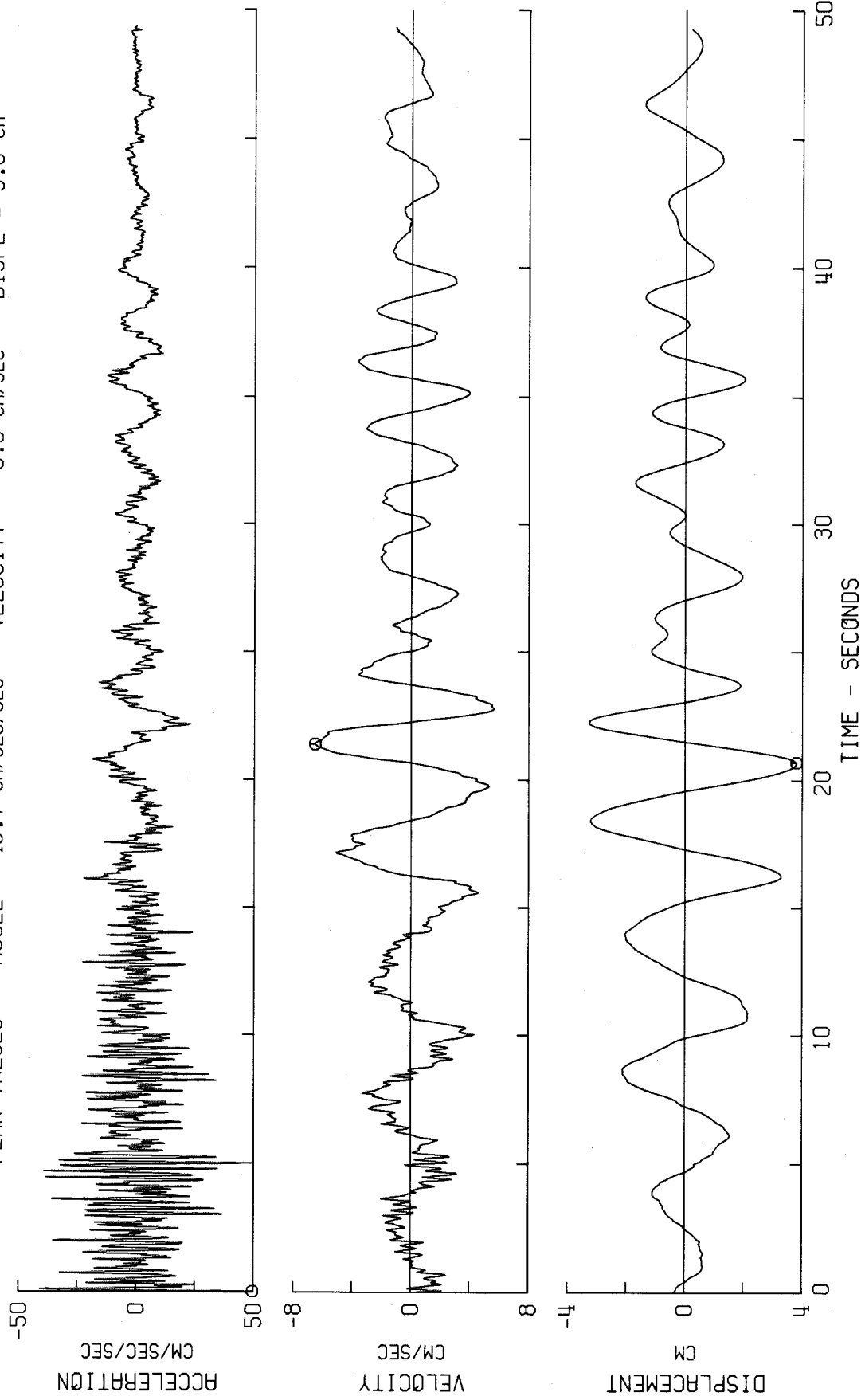
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP232 71.161.0 9841 AIRPORT BOULEVARD, 15TH FLOOR, LOS ANGELES, CAL. COMP NODE
 PEAK VALUES : ACCEL = -91.8 CM/SEC/SEC VELOCITY = 29.5 CM/SEC DISPL = -11.1 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIP232 71.161.0 9841 AIRPORT BOULEVARD, 15TH FLOOR, LOS ANGELES, CAL. COMP S90W
 ○ PEAK VALUES : ACCEL = 91.7 CM/SEC/SEC VELOCITY = 23.7 CM/SEC DISPL = 14.4 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIP232 71.161.0 9841 AIRPORT BOULEVARD, 15TH FLOOR, LOS ANGELES, CAL. COMP UP
Ø PEAK VALUES : ACCEL = 49.7 CM/SEC/SEC VELOCITY = -6.5 CM/SEC DISPL = 3.8 CM



IIQ198 71.069.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 141 GRIFFITH PARK OBSERVATORY, MOON ROOM, LOS ANGELES, CAL. COMP SOOM 34 07 06N, 118 17 58W
INSTR PERIOD = 0.0460 SEC DAMPING = 0.643 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -176.9 CM/SEC/SEC AT 6.22 SEC VELO = -20.5 CM/SEC AT 8.62 SEC DISP = 7.3 CM AT 7.38 SEC

INITIAL VELO = 0.90805 CM/SEC INITIAL DISP = -0.40534 CM

2150 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-253	93	121	113	4	242	-1	-247	56	-139	-89	0	-124	28	-11	-116	-46	-8	-27	-87
54	117	-69	-45	64	-104	42	379	10	23	240	121	9	-145	-49	148	70	12	-81	-144
-203	-215	-78	-57	14	-12	-120	-237	-124	68	73	3	172	71	5	87	130	25	124	88
-49	109	128	18	106	18	13	-7	29	-13	-156	48	-95	-185	-22	-69	-143	-81	15	13
23	101	-4	-33	-117	85	174	229	198	-50	-107	-263	-228	115	124	51	29	-65	-185	-203
-127	6	34	-208	-13	-169	-229	62	-87	-26	114	41	-56	-42	-3	95	34	107	33	28
123	10	-63	-60	58	181	28	-153	-154	-182	-84	0	132	139	-106	-126	-35	-208	-48	-148
-126	-6	-130	-31	-8	150	332	363	285	-165	-418	-188	52	84	41	231	134	-184	-200	-295
-211	-91	-3	109	-84	-252	-193	3	249	222	230	32	-271	-441	-406	-222	-152	-11	240	256
278	31	-256	-496	-172	101	544	811	434	143	-374	-664	-662	-595	-197	149	936	1201	702	566
236	-381	-847	-943	-424	96	321	238	376	71	-217	-221	-457	-276	-85	-148	128	275	339	359
-84	-220	115	405	298	213	-5	-215	-236	-354	-564	-470	94	387	164	96	-77	84	405	173
174	503	508	381	239	62	44	118	377	506	196	1	-95	-357	-596	-303	-209	-279	-309	-164
455	525	265	183	-357	-749	-529	-559	-509	-114	-76	172	505	369	282	113	-33	-311	-477	-428
-451	-201	-100	19	398	390	112	203	247	182	364	650	867	799	796	773	653	422	309	459
588	648	778	937	896	603	41	-515	-1190	-1505	-1591	-1769	-1601	-1090	-872	-604	-195	-129	-69	122
158	334	518	168	134	341	488	628	695	757	789	648	-28	-564	-603	-771	-722	-216	-41	151
701	990	772	193	-229	-337	-213	169	506	805	1098	751	228	221	-13	-217	-491	-729	-752	-718
-680	-587	-568	-628	-452	-221	-186	-259	-434	-458	-566	-739	-756	-568	-239	-10	17	130	342	222
130	-23	-39	7	-152	-69	269	154	-121	28	355	537	623	639	515	285	-52	-222	-85	64
72	-126	-329	-485	-703	-802	-744	-541	-353	-138	-75	-183	-251	-419	-635	-773	-762	-740	-768	-510
-11	274	408	458	346	150	-222	-594	-841	-926	-712	-164	491	1059	1485	1673	1723	1637	1426	1065
649	383	188	-222	-449	-620	-721	-578	-357	-383	-431	-357	-467	-591	-525	-430	-243	-102	143	538
612	548	447	140	-88	-40	15	253	464	560	494	334	114	-89	-312	-603	-682	-568	-319	21
253	275	225	232	307	399	514	725	877	998	1024	776	476	196	-134	-269	-209	-246	-319	-349
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-129	-98	35	-51	63	95	78	-49	-250	-331	-382	-471	-438	-284	-216	-246	-247	-241	-295	-306
-325	-281	-226	-221	-180	-123	-103	-196	-230	-143	-73	-33	19	40	46	-63	-211	-185	-188	-197
-240	-187	-95	-38	-3	-45	-99	-103	-102	-116	-137	-184	-214	-170	-204	-258	-167	-191	-257	-264
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305	269	234	190	138	92	125	63	17	-25	-136	-117	-125	-183	-31	45	-13	23	84	138
194	241	260	271	325	342	215	89	57	36	46	107	162	234	236	143	86	96	111	133
148	161	177	176	210	155	36	19	19	-22	-13	1	-55	-138	-186	-264	-315	-255	-183	-98
-43	-61	-117	-118	-140	-276	-384	-405	-337	-274	-234	-224	-285	-355	-358	-352	-289	-181	-129	-65
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210	214	135	52	38	83	104	120	141	194	207	101	58	96	119	144	143	104	105	85
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39	52	13	-4	-4	0	0	-7	-12	25	6	-62	-46	-76	-113	-85	-43	-17	-8	-15

-57	-87	-90	-100	-56	-5	-6	-69	-72	-12	-38	-101	-130	-128	-147	-143	-83	-69	-30	-31
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174	181	166	144	96	14	25	57	13	10	12	-64	-136	-164	-154	-100	-76	5	93	70
51	40	-30	-33	12	9	31	84	75	98	79	49	58	29	-36	-50	-41	-83	-73	-40
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120	136	143	125	67	17	-21	-68	-123	-176	-158	-40	25	16	-8	-15	21	71	61	19
2	10	-20	-100	-141	-168	-145	-116	-100	-41	3	-4	-49	-92	-89	-66	-20	47	63	58
42	14	37	51	29	-7	-44	-39	-20	-4	9	9	-6	1	6	-40	-53	-46	-55	-52
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-2	6	14	19	20	13	4	-4	-9	-11	-3	6	6	3	-4	-18	-18	-3	22	14
29	33	11	26	36	18	-8	-6	12	32	16	-2	15	23	1	-42	-88	-137	-139	-93
-14	60	118	154	113	10	-74	-127	-166	-178	-163	-93	-41	-29	4	21	35	65	73	68
102	101	22	-49	-85	-87	-54	-30	-19	24	56	9	-72	-151	-176	-77	24	65	113	129
110	28	-56	-88	-142	-142	-89	-55	-21	31	64	63	66	78	65	-23	23	11	-68	-114
-91	-19	55	39	15	68	80	88	124	138	98	22	-14	-42	-110	-158	-158	-109	-58	1
54	61	25	6	12	5	53	81	87	91	87	88	108	81	46	30	12	10	28	-3
-33	-44	-45	-35	-45	-38	-6	16	23	9	-4	-5	-15	-32	-38	-2	51	65	73	73
70	57	38	41	38	-3	-24	-32	-16	5	22	46	35	13	5	-8	-48	-68	-47	-26
-12	-2	13	-2	-14	0	-10	8	7	10	20	12	18	43	43	25	9	-2	-33	-70
-100	-91	-52	-9	33	48	39	27	7	-34	-54	-56	-25	7	-3	-10	-6	-16	-41	-32
-48	-41	-15	-14	-18	-10	-21	-68	-57	-51	-58	-27	-25	-13	22	32	50	72	45	25

[illegible]

110198 71.069.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 141 GRIFFITH PARK OBSERVATORY, MOON ROOM, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0470 SEC DAMPING = 0.657 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP S90W 34 07 06N, 118 17 58W

PEAK VALS ACCLN = -167.4 CM/SEC/SEC AT 5.34 SEC VELO = 14.6 CM/SEC AT 6.76 SEC DISP = -5.5 CM AT 10.08 SEC

INITIAL VELO = 0.70665 CM/SEC INITIAL DISP = -0.21903 CM

2156 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

238	-48	108	-180	-107	252	61	-169	-126	160	20	-108	121	-50	-66	28	26	115	225	63
-81	-143	-56	-141	-177	-36	-91	-212	-40	-71	153	392	-46	-158	208	235	135	104	-44	-84
-119	-127	-110	114	41	36	-76	-281	-237	99	124	36	19	77	-192	-253	5	232	157	137
24	-152	-18	89	-1	263	297	63	3	-43	-33	-156	-1	20	-130	-112	-106	-26	54	-39
-59	-105	-31	-125	-37	-6	-28	167	171	121	-149	-250	-107	-21	162	177	194	117	-124	-274
-40	146	-33	123	-44	-233	-220	-283	16	12	5	155	95	-149	42	152	51	-20	-85	-6
-81	14	-119	-55	117	106	143	160	5	-34	-198	-272	-186	93	297	219	-125	-130	-216	-149
105	-2	-8	-195	-141	50	199	249	138	72	-185	-223	-66	-219	-127	230	405	180	-313	-207
-4	-18	27	-50	-144	-146	-184	-155	-261	-254	-96	167	309	88	-115	-202	-112	213	750	1162
917	738	685	668	443	111	-333	-1098	-898	-624	-498	-4	55	-382	-853	-928	-913	-1146	-982	-808
-351	364	651	487	171	45	326	706	409	177	581	567	453	451	8	-135	468	285	-220	146
1067	932	375	-60	-205	-144	88	318	216	13	-188	-408	-462	-923	-943	-781	-479	202	580	605
283	-152	-330	-790	-1313	-1280	-643	127	551	369	-125	-170	-68	-397	-85	356	490	882	987	1153
1231	876	588	-39	-492	-449	-1095	-1674	-1005	-196	300	567	489	340	453	843	897	694	606	573
799	642	376	450	96	-169	-55	-344	-719	-527	-477	-138	363	267	-36	181	545	370	94	-339
-783	-933	-825	-786	-530	-339	-379	-435	-537	-750	-752	-363	192	513	630	701	288	-380	-886	-1110
-696	-30	175	664	1207	1313	1189	857	558	205	-62	55	228	543	845	908	1046	1007	290	-363
-751	-892	-1094	-1359	-1272	-1038	-992	-817	-392	-145	14	19	-165	-183	178	167	-469	-933	-639	-389
-135	413	1045	1426	1365	828	76	-201	344	588	151	-220	-34	509	862	826	469	542	554	138
-203	-568	-685	-653	-51	669	724	465	-91	-726	-877	-662	-670	-624	-409	-416	-535	-226	160	245
175	35	-5	84	44	4	131	522	700	552	-12	-556	-1023	-1360	-1393	-1200	-689	-75	265	363
279	182	-62	-356	-385	-120	242	550	547	494	714	955	922	478	-271	-771	-874	-926	-1089	-1250
-1230	-851	-356	116	255	-294	-828	-129	802	541	296	266	157	578	873	848	845	746	536	234
-147	-626	-863	-427	27	-81	0	438	625	562	66	-364	-401	-299	-120	121	357	400	265	48
-114	-236	-489	-624	-654	-804	-883	-773	-593	-274	-9	125	237	209	279	301	191	274	413	561
833	1083	1019	743	405	227	254	140	69	152	40	161	384	302	30	-111	-6	21	158	265
115	231	356	34	-326	-546	-758	-841	-693	-536	-434	-265	-100	21	-90	-351	-214	-17	110	335
492	584	430	200	155	45	-53	-4	161	295	342	432	564	553	499	376	141	76	126	126
125	78	124	353	222	-131	-113	-144	-198	-175	-136	-183	-365	-455	-392	-337	-443	-567	-426	-293
-277	-218	-218	-69	124	164	153	220	371	484	574	634	622	586	605	542	429	338	198	120
87	82	-84	-291	-457	-698	-784	-664	-538	-418	-433	-586	-602	-479	-412	-405	-427	-349	-1	169
92	20	-22	-42	36	110	87	159	291	282	280	266	111	-151	-305	-153	106	220	261	358
458	468	363	165	126	167	146	105	122	-6	-204	-209	-264	-484	-552	-585	-661	-609	-501	-419
-435	-458	-346	-204	-157	-147	-112	-23	152	287	387	421	285	94	40	-34	-42	35	17	46
84	82	38	-61	-68	23	129	151	170	308	424	343	186	104	203	213	123	47	-64	-246
-397	-433	-366	-264	-146	-84	-84	-75	-63	-93	-134	-117	-69	-83	-111	-68	15	34	-19	0
74	14	-35	21	12	-33	11	0	-17	26	97	88	20	59	240	263	132	91	138	155
170	153	133	180	216	149	7	-58	-59	-107	-220	-271	-171	-60	8	156	296	335	257	145
69	69	99	94	202	344	328	210	23	-74	-54	23	73	54	89	159	221	156	4	4
-119	-177	-243	-255	-185	-130	-119	-95	-104	-189	-217	-91	-35	-25	-14	39	77	48	58	113

96	9	17	86	48	19	-35	-108	-132	-171	-203	-172	-38	16	-85	-116	-44	-7	-67	-28
89	89	83	44	32	82	108	68	76	81	63	98	70	-18	-118	-247	-336	-323	-231	-153
-145	-200	-184	-93	-46	-71	-46	32	95	141	141	125	170	189	180	142	69	85	182	144
122	98	15	-2	61	46	40	90	174	214	151	36	-33	-44	-18	-58	-88	-80	-113	-92
-53	-97	-100	-20	16	-13	-54	-88	-118	-161	-151	-86	-103	-124	-75	-38	25	104	149	165
200	286	292	188	12	-129	-124	-83	-43	-30	-73	-131	-129	-93	-84	-91	-107	-54	62	103
65	43	42	40	14	-32	-43	-1	88	105	85	117	182	201	92	-57	-125	-177	-172	-103
-49	-103	-131	-95	-88	-123	-126	-123	-136	-129	-104	-124	-126	-71	-5	3	-64	-94	-67	-3
68	60	50	95	134	144	70	-19	-9	98	132	53	8	-28	-85	-108	-26	-34	-80	-43
-14	37	68	-11	-50	-6	7	4	-12	-28	-6	34	62	87	135	170	170	166	153	115
73	58	86	115	132	142	131	82	29	-49	-157	-193	-137	-153	-200	-148	-40	-23	28	93
106	110	118	125	163	171	172	133	63	28	13	-28	-103	-116	-76	-33	17	62	61	-7
-65	-90	-114	-83	-26	19	79	101	18	-21	1	-18	-41	-57	-70	-30	68	131	111	69
42	10	-48	-103	-144	-130	-28	28	-28	-32	18	34	-20	-64	-93	-99	-82	-56	-68	-97
-89	-77	-97	-112	-100	-58	4	38	36	48	65	92	132	118	89	79	66	67	66	42
-4	-61	-117	-128	-65	-41	-36	-31	-18	-37	-81	-58	-43	-47	-52	-66	-62	-27	-23	-28
11	63	81	61	57	64	3	-44	-27	-19	13	26	1	-5	-4	-10	-24	-4	0	-24
-17	-25	-12	15	-1	48	122	97	19	-27	-47	-14	34	37	18	16	22	3	-16	-21
-38	-75	-51	29	76	75	42	14	11	20	36	55	59	11	-38	-64	-73	-76	-63	-24
12	56	70	25	-9	21	57	93	132	132	92	63	60	58	27	-11	-9	-3	-40	-86
-81	-53	-31	-15	-7	-37	-55	-56	-42	-14	-14	-30	-34	-10	24	44	58	73	78	67
40	33	54	62	58	33	7	9	19	12	0	-7	-21	-49	-77	-70	-54	-31	23	35
12	20	-7	-81	-119	-122	-106	-52	28	51	-3	-77	-116	-116	-104	-91	-55	-8	37	54
46	65	96	77	33	9	17	33	69	107	88	10	-37	-40	-30	-12	19	14	7	-42
-97	-78	-29	2	3	15	37	35	14	0	-14	-32	-54	-43	12	67	85	62	36	42
47	38	6	-30	-40	-29	-21	-30	-53	-85	-104	-92	-66	-33	14	59	62	62	72	45
-3	-31	-17	-20	-22	25	63	47	-8	-52	-59	-55	-55	-61	-65	-52	-15	29	51	51
15	-38	-36	9	28	16	-19	-31	-7	20	27	29	39	43	44	44	32	16	3	-15
-33	-53	-91	-117	-103	-67	-20	16	37	52	51	34	9	-21	-26	11	72	103	103	81
59	52	45	22	-17	-18	7	-1	-26	-18	-7	-1	-16	-6	17	17	-9	-22	-11	6
-16	-48	-42	-13	0	-26	-57	-53	-16	14	-5	-24	-2	26	38	46	7	-45	-41	-12
-4	4	28	49	56	34	3	-5	13	33	45	53	49	44	47	50	39	19	-11	-33
-15	2	4	9	16	27	47	56	18	13	42	69	62	38	34	-12	-42	-29	-42	-20
-21	-44	-57	-58	-51	-52	-42	-6	26	29	25	-9	-35	-44	-53	-63	-61	-41	-22	-19
-39	-26	5	14	0	11	-2	-18	-16	-27	-37	-30	-17	-23	-25	-40	-73	-49	10	28
34	22	1	11	13	1	-9	-12	-24	-12	7	5	-1	29	43	38	29	14	-11	-32
-19	-18	-18	10	-3	-6	-13	-30	-18	-16	-18	-25	-23	-13	-1	-2	-4	-15	-34	-43
-40	-52	-38	-10	2	25	34	44	57	58	35	22	32	31	43	63	72	59	64	62
65	80	69	54	29	-10	-14	-30	-43	-26	-10	-26	-19	12	20	31	38	48	47	65
82	76	65	39	40	62	69	41	19	20	42	41	25	-21	-37	-10	-9	-41	-87	-91
-70	-77	-79	-11	92	109	116	111	33	-81	-117	-123	-124	-110	-42	-45	-59	25	87	11
-42	-10	-38	-7	102	146	169	153	68	-14	-169	-318	-214	-86	-115	-164	-119	-3	102	79
6	-2	106	160	72	-14	-71	-142	-127	-121	-139	-86	-29	-19	36	78	56	60	139	167
169	223	236	143	-1	-81	-181	-283	-234	-119	-92	-96	-63	-38	-32	12	80	76	4	-4
45	1	-48	-56	-13	-40	-85	-65	-26	-38	-37	-19	-6	27	76	100	126	131	125	113
93	33	-14	-30	-68	-62	-27	-30	-34	2	-37	0	-9	-34	-72	-93	-94	28	6	1
62	75	-2	0	55	13	-34	-57	-71	-48	-5	3	-29	-15	38	47	19	28	57	72
61	28	40	48	29	20	28	20	-23	-60	-58	-35	-10	-23	-43	-30	10	4	-16	-33
-10	27	9	-34	-25	11	36	22	-10	6	40	11	-22	-14	3	-3	-20	-1	26	19
2	2	-11	-16	12	19	15	34	17	-1	33	16	-16	-2	-46	-103	-81	-69	-41	9

-1	-4	16	-13	-13	16	12	7	48	65	40	18	9	-16	-10	12	-8	-8	28	40
30	16	30	23	23	34	3	-25	14	17	13	43	56	-58	24	-21	-33	-24	-20	-10
4	19	31	18	-21	-25	-5	22	36	13	-8	-12	-17	-28	1	5	-17	-13	6	11
17	-13	-48	-21	-5	21	55	49	26	6	-15	-45	-52	-13	29	26	15	7	30	12
-9	10	5	-1	2	1	-1	5	22	24	20	18	-8	-5	13	20	6	-10	-20	-12
0	-2	-33	-46	-31	-19	-25	-28	-22	-1	7	1	7	16	-14	9	41	21	9	7
-1	-4	-14	-29	-42	-43	-30	-22	-37	-32	2	41	38	36	25	21	20	9	-15	-29
-8	38	32	10	4	12	31	22	-9	-21	-25	-27	-28	-22	-13	-4	6	15	12	6
0	9	26	17	5	9	-7	-31	-29	-14	-2	10	16	25	23	8	6	12	24	42
37	20	5	-8	1	8	9	-3	7	24	19	9	7	11	22	34	26	-4	-10	25
38	4	-16	5	5	0	-15	-27	-24	-23	-16	3	-6	-24	-12	-9	-24	-32	-39	-34
-28	-27	-24	-11	-22	-40	-23	-23	-47	-55	-58	-58	-61	-54	2	55	56	53	18	-11
-51	43	-60	-16	-6	-1	-29	-24	-22	-40	-19	4	-5	12	2	-16	5	23	23	37
4	-6	18	-16	-27	-29	-45	-46	-18	19	47	65	41	5	-21	-23	-14	9	23	9
13	8	-28	-20	4	3	-17	1	16	-1	-21	-5	5	13	26	16	23	42	42	25
1	-1	6	5	5	7	18	35	33	12	-2	11	28	36	34	17	2	-8	-11	-2
-11	-26	-36	-34	-2	-2	0	2	1	1	1	-15	-41	-23	15	17	11	6	-11	-19
					-31	-20	-10	-8	-7	-14	-29	-35	-35	-34	-34				

110198 71.069.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 141 GRIFFITH PARK OBSERVATORY, MOON ROOM, LOS ANGELES, CAL. COMP DOWN 34 07 06N, 118 17 58W
 INSTR PERIOD = 0.0460 SEC DAMPING = 0.670 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -120.3 CM/SEC/SEC AT 4.10 SEC VFLO = 7.4 CM/SEC AT 10.10 SEC DISP = 3.4 CM AT 11.14 SEC

INITIAL VELO = -0.79918 CM/SEC INITIAL DISP = 0.11834 CM

2153 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-188	-46	117	31	38	-215	58	265	20	98	48	107	73	-134	-34	154	-25	-296	-361	-26
56	-104	-39	67	45	189	21	34	263	13	-56	-106	-15	275	257	-31	-108	-269	-212	-51
172	202	209	-53	-408	-359	32	279	134	-49	-13	-165	-279	-4	288	274	145	-11	-183	-29
46	-21	164	124	-151	-271	-297	3	-81	61	142	-63	-56	27	79	98	147	269	127	6
-87	-196	-235	-89	309	318	192	-166	-198	-126	-82	211	266	199	116	-75	-220	-72	144	297
400	101	-27	-116	-285	318	74	-81	11	-71	-283	-320	-153	172	166	3	48	-37	32	-163
-258	-146	30	264	418	218	5	-211	-205	-104	10	144	13	-299	-140	-80	6	41	-48	251
40	-288	-368	-40	492	519	229	-238	-464	-198	75	146	121	319	346	-165	-219	-141	-20	117
119	242	-6	-510	-460	-51	304	177	-64	-78	36	112	-20	-91	-183	-280	13	323	639	460
4	-453	-519	-378	-293	17	-9	125	311	308	298	-253	-547	-621	-221	337	27	157	288	117
270	438	424	24	-613	-1203	-663	134	-68	-14	259	551	492	281	217	271	227	220	-93	-105
60	6	-187	-128	-68	-136	-260	-397	-412	-223	67	455	27	-473	-412	155	525	267	86	234
-28	-348	-334	-190	76	243	50	-158	-204	-164	-85	191	270	449	504	60	-97	-12	300	344
-72	-60	-71	-389	-407	-168	-133	-17	-92	-170	-225	-351	-55	280	456	458	232	285	161	366
431	-7	-17	-124	-582	-284	116	-130	-176	-108	-269	-261	-52	238	676	820	521	300	-126	-663
-927	-372	215	570	505	261	-228	-412	-351	-423	-203	288	99	-265	-199	-273	-388	-149	232	533
876	535	48	-116	-98	-153	-416	-282	40	243	441	678	702	302	-326	-634	-688	-733	-576	-477
-284	151	523	366	130	-127	-284	-49	163	-55	-126	144	-112	-375	-323	30	381	436	376	450
469	311	137	-156	-408	-49	26	-131	-341	-495	-368	-138	64	163	147	-6	-134	-209	-244	-236
-304	121	55	-264	-113	-83	-548	-330	77	230	379	484	343	99	-119	-117	190	243	67	-197
-344	-228	-162	-75	158	369	386	86	-122	-409	-531	-479	-198	-15	163	142	-44	-166	-34	-124
-199	16	230	421	378	256	370	394	388	342	290	131	54	-178	-207	-3	266	436	274	-113
35	56	-123	-322	-252	-469	-852	-594	-283	-123	162	-51	21	228	50	-130	-193	-197	-202	-4
342	603	711	687	388	289	217	-31	-2	-14	-87	92	245	203	222	166	-24	-56	-30	72
134	156	90	-22	-271	-341	-292	-272	-142	-135	-40	136	71	58	207	256	302	315	331	302
310	213	157	143	81	30	-113	-177	3	-59	-145	-158	-5	-43	-133	116	225	176	180	43
-78	-122	-306	-491	-537	-356	-170	-198	-306	-266	-216	-149	-104	95	86	29	95	183	263	90
-12	12	-40	-168	-170	22	202	155	-8	-150	-222	-126	-48	-5	-53	-287	-307	-90	-22	-115
-77	-145	-291	-142	-138	-228	-259	-177	-22	-117	-216	-113	-40	-146	-144	9	5	-39	4	-6
118	209	109	27	35	102	3	-16	82	97	41	48	-19	-54	-77	-104	19	145	241	168
197	142	-40	-89	-115	-74	56	77	-12	-35	-65	-30	121	111	27	133	31	-85	-71	-2
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I10199 71.072.0
 STATION NO. 469
 INSTR PERIOD = 0.0430 SEC DAMPING = 0.574
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 1625 OLYMPIC BLVD., GROUND FLOOR, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP N28E 34 02 58N, 118 16 26W

PEAK VALS	ACLN = 137.9	CM/SEC/SEC AT 9.84 SEC	VELO = -17.6	CM/SEC AT 13.74 SEC	DISP = 9.8	CM AT 16.92 SEC													
2470	INSTRUMENT AND BASELINE CORRECTED DATA				AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.														
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28	10	-16	-38	-44	-40	-35	-20	-4	13	28	33	32	36	40	49	53	20	-41	-64

II0199 71.072.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 469 1625 OLYMPIC BLVD., GROUND FLOOR, LOS ANGELES, CAL. COMP N62W 34 02 58N, 118 16 26W
INSTR PERIOD = 0.0390 SEC DAMPING = 0.579 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 238.8 CM/SEC/SEC AT 9.46 SEC VELO = 21.3 CM/SEC AT 12.96 SEC DISP = 10.3 CM AT 14.04 SEC

INITIAL VELO = 1.61147 CM/SEC INITIAL DISP = 0.51303 CM

2470 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-37	-31	-26	-23	-21	-19	-20	-30	-46	-32	-13	-2	1	0	0	-20	-42	-40	-27	-22
-20	6	9	1	-13	-33	-61	-68	-40	-5	24	19	9	2	-32	-39	-47	-35	-46	-42
3	15	17	28	27	11	-7	-14	-30	-45	-26	6	-19	-23	-13	15	-15	-3	11	-19
-19	-27	-25	-17	-26	-8	11	4	12	34	-4	-34	-13	-50	-47	-11	10	40	-5	-23
15	0	-26	7	7	1	-3	-19	-5	13	-23	-37	-37	-28	-32	-49	-30	-27	-61	-23
10	2	16	67	43	4	38	1	-65	-77	-32	50	60	3	2	5	3	14	13	-29
-33	-3	6	-16	-32	-37	-29	-12	-3	14	34	28	12	-30	-49	-43	10	90	56	-16
-28	12	43	7	-14	-24	-53	-56	57	88	74	89	21	4	-1	-2	5	-15	11	60
42	17	10	-47	-63	-24	3	42	39	47	94	60	4	-5	-17	15	21	8	61	65
3	-34	-15	-15	-46	-11	-4	-12	49	23	12	-37	-88	-32	-26	-16	-71	-99	-4	43
-21	-1	113	98	-8	-74	-115	-66	98	102	77	41	62	25	-69	-49	36	129	147	47
54	63	28	-15	3	48	-1	-26	-48	-40	40	119	122	10	-47	-55	-65	-62	8	8
51	35	2	-39	8	24	-8	38	38	-28	-54	58	60	0	-8	24	-7	-86	-116	-53
57	115	118	79	-30	-36	-59	-58	-52	-21	60	138	178	207	159	101	125	88	-1	-8
38	134	141	56	-41	-192	-178	-7	105	-11	-6	71	103	122	-42	-50	24	-19	-30	-52
-48	1	3	-10	3	19	23	60	151	232	118	-87	-93	77	172	37	-39	-95	-166	-231
-258	-246	-90	86	136	120	181	205	106	-123	-422	-520	-610	-663	-596	-425	-250	-249	-370	-304
78	570	715	535	526	735	969	914	541	162	167	208	206	132	7	-38	-101	-162	-326	-516
-369	179	314	-215	-595	-458	-20	190	84	-473	-931	-643	-163	45	-79	-155	-84	-102	-330	-107
248	1	-674	-843	-189	663	749	524	236	-237	-640	-642	-210	59	-187	-563	-458	5	308	258
150	213	292	318	230	405	895	821	265	2	-28	179	489	644	448	131	104	-40	-169	-271
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-346	-215	-246	-691	-868	-549	-220	-119	25	726	1442	1090	-80	-896	-911	-927	-920	-422	57	136
-136	-190	105	208	109	-58	-268	-441	-469	-57	753	1623	2310	2388	1795	1324	1179	852	389	6
-199	-241	8	304	557	668	713	569	21	-639	-1347	-1910	-1956	-1733	-1656	-1179	-346	-19	-217	-189
-12	-10	-273	-642	-683	-441	214	565	334	-6	44	193	324	359	71	-51	291	733	709	141
-324	223	936	769	123	-111	11	239	382	449	528	576	518	380	225	124	348	257	-334	-936
-1321	-1230	-434	625	758	206	-557	-731	-583	-473	-309	-172	0	185	166	-236	-989	-1219	-685	368
793	642	628	763	685	392	-76	-422	-618	-335	272	758	842	724	794	1053	1244	1105	603	-84
-482	-476	-186	290	645	800	714	568	476	403	423	583	621	550	345	162	-74	-462	-862	-954
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-231	-297	-335	-360	-390	-367	-357	-433	-493	-417	-326	-302	-370	-432	-448	-449	-409	-370	-311	-231
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-71	-48	4	8	-112	-213	-239	-239	-148	-11	61	-5	-139	-224	-186	-108	-57	-35	-52	-52
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25	37	50	42	46	68	82	47	11	9	-5	-28	-4	14	30	17	17	-6	1	-8	-36	-36
-41	-20	-31	-49	-39	-20	-40	-52	-29	-20	-31	-28	-19	-31	-22	6	6	9	5	-1	0	0
9	9	29	40	2	-12	-9	-19	-5	22	16	19	30	22	9	-10	-10	-32	-23	-24	-17	-17
-37	-28	-2	10	-9	-52	-62	-37	-32	-56	-61	-52	-71	-58	-27	-1	-1	-22	-52	-60	-56	-56
-50	-17	11	19	15	1	-18	-20	-23	-18	-3	27	33	42	-27	42	42	-43	59	33	22	22
19	11	-7	-19	-9	-20	-22	-11	5	0	-7	28	39	33	36	56	56	63	50	60	61	61
39	48	48	34	26	-21	-44	-27	-9	11	35	49	53	33	24	24	24	26	34	24	24	18
15	39	27	22	43	38	44	58	49	43	43	42	61	65	48	42	42	51	59	50	37	37
25	13	1	-5	-2	17	22	-5	-19	-9	17	39	59	46	-20	-98	-98	-137	-104	-6	76	76

104	67	3	-56	-80	-83	-104	-109	-64	49	178	159	-8	-171	-192	-45	99	114	54	-4
-46	-53	-51	-57	-63	-85	-116	-93	14	80	2	-121	-145	-80	-8	87	133	47	-36	-16
-15	-58	-49	27	64	18	-91	-127	-80	36	136	165	93	-41	-112	-61	5	-25	-85	-92
-50	7	61	54	-26	-96	-71	-25	13	5	-11	-11	4	31	43	21	6	-21	-14	19
10	-13	3	47	39	0	-17	-6	0	1	-11	4	28	20	-3	-16	-22	-35	-35	-22
5	34	30	26	24	13	21	16	17	21	27	8	-27	-24	45	104	86	18	3	16
23	19	17	1	-14	12	34	23	-12	-35	-24	-5	-4	11	21	-7	-6	-8	-14	-20
-33	-36	-26	-4	0	15	25	17	0	-27	-17	-16	-7	6	-8	-23	-27	-39	-47	-38
-37	-37	-43	-49	-37	-5	26	40	16	-27	-70	-103	-72	-34	-26	-46	-63	-44	-17	-10
-2	15	35	42	39	29	19	20	16	12	19	14	2	-4	2	26	46	31	26	44
59	68	70	65	59	40	6	-2	-6	-40	-47	-23	-21	-5	9	13	23	16	-15	-8
11	9	10	7	-11	-19	-12	-9	-5	10	22	15	-4	-9	7	32	40	36	28	7
-14	-4	-6	-8	-12	-23	-40	-42	-35	-17	7	11	-7	-19	-3	24	38	42	38	19
4	-3	-12	-17	-21	-25	-26	-24	-14	-7	-18	-28	-9	12	23	20	0	16	13	-8
-25	-24	-24	-28	-43	-43	-27	-24	-27	-30	-32	-31	-22	-5	2	0	2	-7	-19	-17
2	16	11	9	11	31	60	56	38	12	6	-12	-40	-66	-35	-23	-8	6	17	23
28	24	22	23	18	10	0	-13	-25	-32	-37	-50	-61	-46	-62	-63	-60	-48	-26	-19
-5	-4	-2	3	13	16	-3	-22	-30	-35	-28	-23	-23	-19	-10	0	4	8	32	44
42	37	27	25	28	29	28	23	22	36	38	29	22	16	10	7	12	16	9	24
23	2	4	33	41	44	42	39	33	42	50	61	57	50	40	26	27	27	28	28
16	21	26	27	27	26	36	34	25	21	14	9	2	4	16	22	17	14	18	19
22	26	22	11	19	25	23	11	-4	7	18	3	-10	-13	-10	1	5	3	-11	-26
-20	-13	-13	-14	-20	-24	-25	-28	-38	-56	-61	-48	-39	-30	-32	-40	-39	-34	-23	-19
-25	-34	-36	-34	-28	-27	-28	-33	-22	-19	-21	-24	-31	-13	6	8	19	18	16	10
4	-5	-8	1	14	15	12	8	4	8	14	15	10	9	12	6	9	13	19	26
30	25	16	12	13	7	5	14	18	-2	-7	-1	-3	-3	-4	2	-3	-8	-17	-22
-16	-17	-21	-26	-33	-35	-39	-42	-42	-42	-43	-37	-21	-12	-15	-13	-17	-19	-15	-11
-16	-19	-9	0	-7	-11	-13	-14	-13	-8	2	16	26	19	13	11	0	0	-1	-9
-16	-21	-20	-22	-23	-22	-21	-16	-18	-18	-16	-16	-22	-22	-19	-10	-9	-9	-10	-12
-10	0	-6	-12	-13	-10	-9	-6	4	9	7	5	1	4	5	6	13	20	22	26
32	35	29	27	38	37	38	30	17	12	11	16	23	19	19	15	14	14	13	14
18	32	33	29	28	28	26	22	21	22	28	27	25	25	25	28	25	17	8	5
17	18	22	24	19	7	4	1	-3	-8	-6	-4	-2	-3	-1	4	4	-8	-17	-15
-16	-17	-14	-22	-26	-26	-28	-34	-36	-36	-6	-4	-2	-3	-1	4	4	-8	-17	-15

110200 71.075.0
 STATION NO. 470
 INSTR PERIOD = 0.0410 SEC DAMPING = 0.572
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 1625 OLYMPIC BLVD., 6TH FLOOR, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N28E 34 02 58N, 118 16 26W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -176.3 CM/SEC/SEC AT 13.06 SEC VELO = -24.8 CM/SEC AT 13.42 SEC DISP = 10.7 CM AT 13.02 SEC

INITIAL VELO = -2.63674 CM/SEC INITIAL DISP = 0.77988 CM

710 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

104	80	53	23	-9	-38	-48	4	48	72	92	93	73	40	-2	-34	-47	-34	-1	28
69	102	100	79	53	24	-16	-41	-66	-65	-27	28	56	59	66	100	128	102	32	-27
-42	-45	-68	-49	1	48	58	49	38	51	63	33	1	12	13	-1	31	62	67	48
2	-22	-10	-16	-15	7	38	38	4	8	50	48	12	-10	-22	-58	-101	-72	-12	24
29	8	30	86	81	53	70	49	-34	-114	-80	-17	-1	11	16	12	35	34	31	73
89	27	8	31	5	-5	30	41	34	-3	-34	-19	16	-33	-100	-106	-64	-25	10	70
94	46	19	-6	23	30	-48	-88	-52	-48	-132	-124	-1	97	85	47	54	80	50	10
-1	27	-11	-87	-71	0	39	52	57	76	65	15	-29	-21	1	-25	-50	-32	-16	0
61	82	31	-36	-76	-87	-78	-76	-64	10	58	-11	-55	-24	8	-16	-64	-112	-119	-79
-21	79	164	144	75	25	-28	-119	-134	10	131	115	64	72	75	34	68	121	149	115
-25	-119	-50	34	32	44	91	84	10	-40	-19	95	200	117	-100	-198	-211	-201	-138	-70
-23	-27	-64	-112	-96	-16	22	10	-14	-72	-159	-153	-115	-97	-74	-18	26	8	-15	-35
5	113	145	98	17	-77	-113	-111	-36	93	222	274	223	127	87	100	112	112	62	16
24	8	-41	-46	15	39	-45	-117	-110	-25	-34	-48	46	104	10	-131	-179	-95	-74	-114
-133	-130	-111	-79	-83	-49	8	13	-16	-67	-122	-190	-190	-93	-26	-41	-53	-49	-11	20
14	-7	3	10	-20	-110	-196	-135	-36	46	110	178	313	419	364	234	174	165	162	102
25	-30	-63	-157	-302	-324	-281	-150	8	85	84	59	78	63	-51	-125	-195	-345	-510	-628
-768	-817	-647	-386	-243	-149	8	173	195	185	184	201	224	239	213	154	-29	-307	-414	-127
377	615	644	620	559	527	539	531	511	436	323	209	128	53	-2	1	25	-9	-112	-22
268	210	-182	-410	-357	-348	-377	-459	-574	-720	-783	-756	-496	-248	-259	-457	-91	407	209	83
-82	-105	-13	161	263	307	251	225	243	277	341	394	392	315	254	271	328	395	533	439
427	592	692	690	551	418	258	121	1	-132	-143	-196	-148	-126	-60	-129	-202	-375	-463	-497
-385	-243	-128	-80	-45	-133	-449	-872	-1147	-1196	-1012	-798	-618	-571	-513	-340	-62	48	40	-27
-126	-269	-449	-696	-970	-1092	-671	-570	-243	3	89	381	961	1425	1740	1679	1299	803	439	331
286	314	216	65	-15	89	326	526	709	861	945	978	1038	948	671	435	283	263	238	222
105	-32	-68	60	114	27	-191	-475	-665	-672	-687	-895	-1080	-937	-472	-93	-15	6	-39	171
228	368	385	240	-22	-150	-421	-882	-1133	-1073	-978	-920	-819	-640	-508	-386	-288	-255	-121	228
577	740	738	688	873	1251	1503	1608	1652	1657	1609	1444	1117	762	369	-75	-493	-776	-850	-754
-530	-296	-67	184	426	551	533	423	370	482	602	533	319	44	-253	-534	-684	-687	-640	-678
-755	-740	-722	-875	-1139	-1346	-1388	-1303	-1227	-1159	-987	-677	-427	-345	-408	-250	85	509	708	533
57	-392	-579	-523	-333	-30	101	217	465	726	806	805	944	1200	1418	1448	1264	847	488	377
335	162	61	15	-21	-87	-153	-249	-258	-67	345	664	739	747	654	464	254	135	125	183
263	325	214	-104	-565	-952	-1205	-1316	-1381	-1466	-1563	-1641	-1713	-1763	-1760	-1694	-1517	-1281	-995	-695
-387	-148	-56	-36	-88	-169	-169	-119	-76	-58	-76	-36	94	158	104	56	66	82	124	232
338	374	337	286	261	297	403	674	1027	1330	1498	1522	1521	1508	1485	1393	1207	1005	854	784
702	564	387	301	314	390	463	459	392	358										

II0200 71.075.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 470 1625 OLYMPIC BLVD., 6TH FLOOR, LOS ANGELES, CAL.
INSTR PERIOD = 0.0390 SEC DAMPING = 0.572
EPICENTER 34 24 00N, 118 23 42W
COMP N62W 34 02 58N, 118 16 26W
ACCELOGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -226.7 CM/SEC/SEC AT 11.76 SEC VELO = -36.7 CM/SEC AT 8.98 SEC DISP = -9.8 CM AT 11.04 SEC

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INITIAL VELO = 1.85185 CM/SEC      INITIAL DISP = 0.58386 CM
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710 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-9	-3	-5	-11	-39	-70	-65	-27	20	36	11	-10	-14	-14	-13	-14	-39	-62	-50	-18
0	-14	7	2	-41	-26	6	-22	-54	-34	6	-32	-76	-47	18	7	-32	-35	-33	-12
-5	-24	-41	-39	-16	-1	-68	-86	-11	13	-13	-26	-28	-24	-18	1	11	-4	-27	-19
-10	-67	-50	30	23	-46	-45	16	23	-54	-99	-45	-22	-73	-80	-6	21	-18	1	21
-22	-52	-4	15	9	10	-27	-78	-79	-69	-59	-1	18	-27	-45	-23	23	52	16	-7
45	69	11	-27	-11	-30	-67	-71	-41	-3	19	20	23	5	-37	-67	-40	50	68	-11
-35	-9	21	26	-27	-36	15	39	-6	-36	-1	-30	-72	-24	22	69	-39	-97	25	95
51	52	5	-43	-42	-12	34	44	21	31	51	45	7	7	54	69	-39	-97	25	95
19	-1	-6	10	46	39	20	11	9	9	16	-16	-68	-60	39	18	-78	-92	11	68
-9	-23	89	149	91	21	-51	-78	44	70	23	58	61	-35	-90	-46	64	99	125	108
71	115	145	178	144	62	76	71	29	-23	1	103	118	55	17	15	58	22	-66	-54
23	73	67	-31	-75	4	117	124	2	3	92	38	-72	-95	-14	26	-82	-222	-204	-78
39	52	79	106	77	32	-12	-74	-49	25	122	155	172	214	187	157	221	216	163	151
115	88	71	9	-61	-123	-78	5	36	49	96	176	277	332	224	49	30	106	99	-44
-214	-182	-98	-126	-159	-190	-174	-11	94	31	-94	-133	-34	21	-20	-61	-37	-26	-104	-257
-360	-356	-170	-15	-50	-74	46	135	211	215	44	-55	-135	-307	-399	-454	-551	-676	-61	-672
-627	-465	-233	28	484	595	772	1057	1112	900	630	490	456	231	57	-150	-316	-343	-271	-177
-155	-278	-198	9	54	149	227	240	287	408	398	209	57	38	93	105	29	-26	-115	-318
-626	-575	-593	-653	-502	-407	-320	-337	-378	-420	-406	-385	-376	-477	-602	-615	-566	-498	-518	-605
-665	-330	444	552	673	829	911	903	907	922	907	799	687	538	344	120	48	52	45	37
97	219	313	387	444	460	481	584	591	577	503	467	415	327	67	248	-466	-514	-940	-1181
-1051	-1044	-734	-655	-542	-311	-171	-93	-105	-146	-322	-499	-707	-917	-1160	-1328	-1374	-1393	-1385	-1389
-1397	-1379	-1222	-915	-711	-691	-723	-649	-300	170	609	1008	1329	1523	1634	1778	1831	1519	1089	896
842	775	1089	1335	1421	1190	932	862	794	612	597	316	-9	-108	-148	-287	-446	-527	-353	-31
13	-204	-263	-235	-207	-166	71	512	885	1017	857	656	520	559	445	95	-355	-725	-742	-610
-762	-852	-1000	-942	-860	-847	-875	-819	-762	-764	-699	-575	-463	-382	-450	-540	-485	-394	-474	-474
-576	-593	-657	-679	-464	-252	-247	-350	-343	-191	-79	-115	-159	-109	111	424				

IID200 71.075.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 470 1625 OLYMPIC BLVD., 6TH FLOOR, LOS ANGELES, CAL. COMP DOWN 34 02 58N, 118 16 26W
INSTR PERIOD = 0.0390 SEC DAMPING = 0.512 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = 129.0 CM/SEC/SEC AT 11.78 SEC VELO = -10.7 CM/SEC AT 11.18 SEC DISP = -5.0 CM AT 11.78 SEC

INITIAL VELO = -1.45000 CM/SEC INITIAL DISP = 0.11728 CM

710 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-428	-130	164	358	475	431	247	-83	-405	-518	-496	-307	-39	274	452	500	480	238	-118	-287
-357	-342	-159	148	173	71	33	94	99	25	39	-70	-62	-23	-86	-238	-185	-29	134	222
184	209	219	-90	-369	-455	-349	-132	66	218	385	469	329	150	-156	-261	-173	-119	-36	43
129	93	25	-74	-82	-101	-120	-183	-250	-188	-149	-63	84	160	148	301	366	135	88	129
-60	-177	-171	-195	-109	86	84	82	142	105	-19	5	104	53	-47	-111	-222	-206	-123	-18
42	128	174	150	275	205	-132	-339	-379	-391	-270	-53	71	251	352	285	88	-113	-201	-213
-62	133	78	86	190	120	6	-15	-27	86	273	160	-32	42	112	-7	-263	-254	-62	41
153	197	301	284	160	-113	-57	151	240	181	-13	-32	21	-114	-245	-188	-219	-201	-16	69
63	181	157	62	-226	-412	-363	-253	-174	-178	-121	39	356	368	140	-182	302	55	-66	-266
-607	-368	141	380	277	483	421	-25	-285	-440	-418	-59	253	-5	6	376	283	-16	-40	106
-3	-113	-122	-26	350	422	131	-119	-44	-11	-220	-441	-369	-161	74	146	15	-10	-52	-165
-280	-259	-122	80	121	62	117	261	337	239	91	-112	-163	-56	18	147	168	35	-68	-248
-532	-768	-490	-50	189	412	688	817	537	55	-493	-665	-349	19	224	272	168	-81	-427	-671
-667	-456	-250	198	449	543	589	268	-170	-452	-319	-115	-67	-124	65	179	-73	-289	-244	-5
339	307	75	-181	-147	-103	-134	-114	26	348	627	578	142	-409	-746	-657	-468	-323	-194	101
294	287	-3	-351	-391	-190	168	218	193	202	222	85	-258	-475	-498	-214	154	287	219	98
72	90	-87	-301	-111	146	343	546	609	513	205	-139	-249	-84	301	516	429	128	-4	-94
-119	-375	-768	-686	-373	45	378	153	100	154	146	25	-75	-141	-76	84	240	231	189	5
0	66	95	130	113	29	10	76	70	1	-70	-45	83	182	157	27	-76	-22	161	236
259	149	-131	-266	-283	-207	-48	107	269	259	18	-365	-561	-248	260	-241	-681	-501	134	733
1082	1013	701	295	4	-242	-529	-476	-358	-217	-160	-112	-18	150	125	-42	-60	168	103	-437
-225	224	497	895	952	664	277	-65	-533	-777	-752	-563	-290	9	284	654	907	958	646	219
-148	-287	-354	-436	-349	-196	-95	98	288	119	-249	-475	-449	-174	53	87	-99	-81	75	71
-321	-686	-649	-156	303	502	318	-169	-304	-72	-227	-65	178	-152	-469	-593	-402	-134	-23	70
-1	52	57	77	-98	-401	-448	-285	42	526	410	-141	-479	-348	-79	85	309	307	-95	-205
-66	-12	-96	-180	5	448	826	656	133	-322	-524	-449	-109	186	200	164	426	570	584	185
-338	-610	-730	-666	-741	-613	-223	290	586	549	429	322	133	-313	-597	-513	-135	136	52	-125
-355	-368	-236	-95	-96	-195	-121	86	268	257	9	-206	-270	-175	-142	-312	-468	-412	-271	11
446	757	758	361	-24	-137	-182	-217	-95	135	292	353	334	217	101	83	18	-85	-215	-234
-47	139	-8	-235	-326	-183	109	705	1153	1290	897	343	24	157	439	511	438	185	203	201
-126	-502	-914	-726	76	935	1089	431	-301	-584	-383	68	482	607	362	169	-32	-168	-151	-68
69	302	484	382	88	-234	-427	-432	-417	-395	-344	-208	-116	-150	-306	-316	-130	-15	77	122
62	-208	-363	-343	-345	-321	-163	55	174	191	78	78	112	121	145	111	-50	-251	-266	-184
-164	-122	-65	-34	-32	72	130	89	135	233	294	296	153	-149	-338	-449	-491	-386	-148	52
8	-227	-419	-439	-323	-161	-15	79	103	94	62	41	-42	-118	-64	63	203	285	285	155
-22	-111	-133	-115	-74	3	146	250	287	297	-383	68	482	607	362	169	-32	-168	-151	-68

110201 71.090.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 471 1625 OLYMPIC BLVD., 10TH FLOOR, LOS ANGELES, CAL. COMP N28E 34 02 58N, 118 16 26W
INSTR PERIOD = 0.0400 SEC DAMPING = 0.583 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 221.9 CM/SEC/SEC AT 11.60 SEC VELO = -51.9 CM/SEC AT 13.90 SEC DISP = 16.3 CM AT 16.46 SEC

2464 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.60031 CM/SEC INITIAL DISP = 0.02667 CM

27	30	27	23	21	10	-6	-7	-5	-5	-5	-10	-9	-7	-6	11	26	33	29	23
12	-2	-9	-24	-5	39	52	51	43	38	38	-2	-40	-53	-12	2	14	26	38	24
-4	-24	-46	-48	-37	-15	23	38	57	43	43	33	20	3	-21	-24	-32	-45	-30	-8
19	59	68	40	16	27	29	-27	-59	-28	-28	-3	-9	-22	8	28	14	-27	-12	15
25	34	53	63	67	51	9	9	25	1	1	-21	-2	-10	-36	10	9	-37	-46	-29
-40	-80	-111	-81	-49	-80	-86	-33	5	43	56	75	100	65	14	33	69	53	4	-4
1	2	3	-16	-1	17	-4	0	18	-3	18	7	16	-4	-14	-5	12	23	-29	-114
-117	-86	-76	-52	-40	-22	-15	-11	21	61	70	17	17	-5	46	-54	-85	-12	34	-14
-53	-8	61	52	34	43	76	50	-14	-14	35	60	32	30	34	44	31	-16	-14	21
-14	-75	-72	-23	-38	-16	22	-22	-81	-65	-33	-50	-88	-81	-5	19	-41	-57	3	55
27	-52	-101	-77	-38	-16	39	106	93	79	101	42	-35	22	119	140	76	58	95	138
118	110	111	142	126	28	-19	33	102	26	-29	5	-27	-72	-65	-54	10	78	20	-110
-147	-96	-126	-175	-166	-165	-170	-142	-175	-196	-115	-50	-39	-34	-42	-43	-33	21	16	-14
47	76	33	-14	-18	41	130	193	158	87	74	56	10	16	69	124	171	167	171	174
198	224	188	137	111	152	127	57	33	35	0	-96	-190	-217	-163	-180	-248	-209	-93	-132
-262	-220	-75	-72	-134	-123	-65	-67	-53	6	16	44	102	129	91	5	-36	0	30	22
-23	-46	-43	-14	-23	-79	-101	-61	-8	-53	-119	-158	-115	-53	-38	-27	55	223	374	395
326	387	505	490	391	299	257	213	114	-25	-183	-227	-232	-241	-281	-343	-303	-196	-163	-237
-295	-322	-411	-493	-588	-701	-815	-783	-599	-533	-519	-388	-201	-80	74	329	559	692	698	674
628	577	625	634	479	301	340	490	550	481	403	436	457	410	356	254	131	34	41	28
-133	-324	-413	-391	-286	-221	-344	-492	-449	-389	-347	-319	-382	-532	-642	-663	-597	-563	-617	-668
-602	-527	-580	-679	-570	-267	-7	44	21	38	156	438	706	789	768	765	865	1014	1144	1112
956	889	929	941	830	692	575	452	425	390	282	235	277	223	104	39	-27	-61	-157	-289
-371	-437	-510	-599	-740	-903	-957	-971	-932	-852	-810	-779	-789	-924	-1092	-1092	-1028	-945	-879	-902
-886	-709	-397	-69	67	50	140	295	362	302	149	-17	-76	-131	-122	-107	-113	7	265	572
786	961	1116	1182	1228	1240	1297	1348	1237	1006	811	845	945	1036	1045	860	703	757	861	879
-1796	-1581	-1315	-1264	-1297	14	-93	-256	-395	-476	-558	-682	-908	-1135	-1242	-1289	-1286	-1399	-1619	-1780
121	223	130	-52	-173	-1079	-751	-400	-59	180	293	373	465	441	368	381	538	504	181	7
2219	1984	1623	1285	1071	-123	44	180	176	133	245	555	811	1028	1311	1566	1725	1834	2020	2184
-1230	-1273	-1265	-1243	-1227	-1208	-1221	-1231	-1152	-1074	-1093	-1160	-1240	-1290	-1337	-1373	-1358	-1239	-1030	-895
-791	-677	-529	-179	231	479	480	412	381	691	1042	1074	949	852	867	1048	1312	1501	1587	1687
1802	1863	1920	1855	1693	1617	1634	1560	1278	828	498	380	280	66	263	-610	-746	-707	-772	-1024
-1083	-949	-953	-1089	-1210	-1172	-991	-779	-634	-603	-676	-761	-804	-808	-824	-859	-988	-1155	-1341	-1482
-1651	-1779	-1834	-1846	-1818	-1746	-1624	-1440	-1255	-1111	-982	-822	-641	-360	-105	96	262	371	572	816
1020	1155	1274	1432	1586	1658	1656	1675	1707	1639	1477	1366	1316	1263	1253	1315	1362	1324	1291	1343
1406	1431	1360	1230	1132	1019	911	793	596	423	327	253	181	72	-80	-224	-357	-516	-712	-904
-1034	-1137	-1320	-1533	-1682	-1737	-1667	-1567	-1503	-1443	-1340	-1154	-939	-835	-737	-611	-505	-460	-421	-348
-267	-210	-172	-134	-95	-44	54	182	293	385	461	542	612	656	725	841	966	1066	1162	1286
1428	1539	1643	1750	1829	1868	1859	1807	1768	1719	1650	1533	1351	1164	1000	864	754	631	445	240

80	-54	-150	-275	-457	-664	-817	-910	-984	-1108	-1247	-1344	-1371	-1389	-1414	-1487	-1559	-1632	-1642	-1655
-1689	-1745	-1779	-1800	-1796	-1787	-1727	-1628	-1522	-1382	-1235	-1021	-1070	-956	-386	-325	-15	64	247	389
591	665	716	773	873	940	972	973	991	993	928	869	805	827	763	733	707	677	614	556
518	503	461	430	410	353	279	210	142	81	-11	-95	-180	-266	-333	-414	-507	-586	-659	-746
-836	-911	-964	-1030	-1087	-1139	-1169	-1146	-1129	-1115	-1071	-997	-902	-795	-702	-620	-563	-499	-403	-265
-138	-37	68	170	272	370	466	573	666	728	769	822	905	986	1013	1020	1032	1066	1125	1203
1282	1356	1398	1429	1465	1498	1463	1368	1306	1249	1159	1034	897	777	677	574	483	425	381	327
267	214	170	135	103	61	-15	-124	-233	-311	-380	-455	-530	-621	-719	-803	-857	-908	-966	-1032
-1068	-1092	-1102	-1129	-1137	-1151	-1147	-1105	-1042	-995	-934	-844	-741	-679	-644	-582	-501	-401	-341	-336
-331	-284	-222	-209	-226	-165	-72	-3	21	41	103	179	232	267	306	349	406	465	516	551
573	600	648	697	731	724	662	623	601	579	539	459	375	297	240	235	238	201	144	111
98	86	60	30	10	-25	-79	-125	-168	-208	-248	-283	-320	-367	-405	-409	-415	-423	-439	-438
-428	-410	-364	-316	-279	-261	-221	-176	-122	-90	-66	-34	0	32	80	105	136	175	214	213
221	235	303	347	364	376	391	417	441	469	520	540	520	487	476	500	530	545	535	503
497	504	501	477	449	410	353	288	230	164	83	-2	-91	-178	-248	-299	-375	-467	-553	-629
-684	-740	-797	-860	-911	-931	-958	-964	-959	-943	-928	-923	-899	-843	-815	-806	-786	-740	-699	-656
-615	-568	-544	-513	-453	-394	-309	-239	-216	-107	-80	10	120	202	236	295	372	470	521	553
579	624	648	660	688	720	715	696	673	672	693	697	692	678	652	626	664	684	680	643
585	556	527	474	420	360	295	241	197	108	15	-35	-83	-114	-151	-200	-250	-295	-337	-370
-396	-417	-429	-427	-427	-419	-400	-361	-318	-287	-269	-245	-208	-176	-140	-109	-100	-105	-77	-43
-23	-19	-12	2	27	41	43	57	61	52	72	90	86	75	112	154	188	212	233	252
280	307	319	314	307	292	288	269	225	189	162	138	97	31	-14	-46	-80	-128	-171	-212
-258	-317	-368	-408	-446	-476	-496	-511	-526	-539	-535	-521	-511	-495	-461	-427	-375	-319	-276	-208
-168	-123	-61	-2	32	25	45	66	110	139	115	150	160	173	196	225	252	274	306	339
359	400	421	427	436	456	479	501	521	542	553	560	563	542	500	441	403	381	312	226
146	85	15	-57	-133	-199	-256	-307	-333	-341	-388	-431	-447	-456	-454	-457	-462	-458	-454	-457
-440	-416	-425	-412	-380	-352	-328	-301	-276	-257	-230	-159	-182	-168	-140	-107	-80	-48	-1	54
101	124	166	222	277	322	341	358	383	409	435	458	460	439	436	434	429	423	418	408
396	388	372	340	303	236	190	163	127	73	9	-27	-66	-104	-151	-156	-234	-270	-312	-356
-386	-411	-440	-466	-495	-532	-572	-601	-620	-620	-604	-584	-577	-566	-544	-518	-497	-467	-431	-394
-355	-304	-231	-174	-137	-76	-18	32	82	133	192	249	300	352	403	450	492	526	545	570
598	624	642	651	646	632	616	598	575	550	521	493	462	415	364	313	261	213	165	106
28	-47	-104	-147	-192	-229	-262	-314	-370	-410	-447	-465	-471	-482	-507	-520	-522	-531	-543	-547
-537	-531	-516	-489	-475	-464	-428	-382	-340	-299	-251	-199	-150	-102	-54	-7	30	71	113	162
199	231	273	322	316	363	426	451	433	435	428	437	440	441	433	426	412	402	388	377
375	354	331	311	265	252	215	181	145	108	77	41	-1	-31	-57	-95	-143	-186	-215	-240
-272	-300	-321	-338	-353	-369	-381	-373	-362	-356	-353	-351	-344	-329	-318	-308	-289	-252	-213	-203
-167	-150	-129	-100	-69	-12	17	38	62	102	141	174	178	195	226	257	281	300	315	348
369	371	375	392	409	417	427	428	415	407	399	377	350	313	283	250	210	184	141	61
10	-13	-58	-97	-127	-156	-174	-195	-234	-245	-249	-259	-265	-270	-275	-280	-289	-280	-270	-279
-286	-286	-270	-255	-252	-261	-266	-259	-251	-240	-229	-219	-207	-183	-172	-148	-114	-85	-49	8
21	60	66	97	132	174	198	210	226	241	244	251	265	279	271	267	258	246	235	218
194	184	158	131	111	101	92	48	2	-11	-22	-42	-75	-95	-117	-132	-145	-155	-157	-166
-176	-175	-174	-170	-170	-192	-223	-234	-230	-234	-250	-286	-312	-323	-326	-331	-343	-348	-341	-315
-278	-253	-241	-210	-176	-136	-88	-51	-10	32	63	93	124	159	186	207	231	249	260	269
275	265	255	251	259	255	253	249	244	239	235	242	236	236	233	220	203	184	167	139
110	84	62	43	17	-11	-24	-38	-58	-76	-95	-120	-141	-152	-161	-165	-182	-192	-198	-193
-178	-170	-163	-150	-138	-114	-87	-69	-55	-42	-39	-30	-8	11	11	9	19	41	57	65
77	76	69	92	109	123	127	132	131	136	145	158	160	165	166	170	168	158	142	132
130	120	102	84	65	56	49	44	26	-1	-22	-40	-63	-94	-131	-153	-159	-162	-164	-168

110201 71.090.0
STATION NO. 471
INSTR PERIOD = 0.0400 SEC DAMPING = 0.582

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
1625 OLYMPIC BLVD., 10TH FLOOR, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP N62W 34 02 58N, 118 16 26W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -273.8 CM/SEC/SEC AT 12.44 SEC VELO = -52.2 CM/SEC AT 9.58 SEC DISP = -16.7 CM AT 11.56 SEC

INITIAL VELO = 1.25009 CM/SEC INITIAL DISP = 0.32548 CM

2466 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-24	-23	-12	-2	-2	-12	-23	-13	3	-1	-16	-27	-14	-11	-47	-62	-27	12	6	-15
-1	25	14	-19	-41	-16	-13	7	3	9	24	10	-37	-63	-59	-20	3	5	2	10
13	-7	-5	-4	-27	-48	-28	10	22	1	-28	-31	8	25	-15	-53	-29	19	28	-37
-66	-18	44	13	-42	-31	6	25	-6	-41	-18	3	14	-9	-45	-12	23	-13	-28	-3
-20	-10	24	36	25	4	-6	9	17	-1	0	24	19	-23	-6	40	19	-42	-58	-17
-10	-56	-74	-58	-36	-35	-30	-40	-36	-18	5	15	16	21	-2	-34	-20	5	25	3
-44	-38	0	-2	6	22	-2	12	83	87	28	-9	-10	7	22	-8	-29	3	-11	-29
-27	-39	-96	-84	1	32	-22	-82	-63	23	47	2	-47	-15	57	66	1	-29	5	3
-33	-49	-13	38	-21	-69	19	70	46	-9	-29	6	33	1	-26	1	34	61	22	-21
24	73	40	-9	-19	38	52	2	-14	-4	-24	5	8	-19	-21	-5	-1	37	11	-104
-81	13	0	-107	-158	-93	-5	-18	-81	-72	77	111	-11	-81	8	139	122	35	75	145
107	-9	-36	67	157	98	-21	33	181	207	117	66	126	173	171	61	-19	74	153	88
-22	-12	42	-1	-72	-103	-110	-86	-105	-127	-105	-111	-176	-138	-1	-39	-143	-47	91	41
-55	-2	64	27	-95	-163	-93	-7	18	-22	2	51	63	-1	-69	-36	58	130	102	97
187	247	237	240	315	361	341	312	340	352	303	185	16	-27	46	72	-43	-204	-160	27
70	-66	-141	-57	23	13	-43	-128	-155	-120	-92	-138	-211	-227	-147	-36	-83	-197	-233	-140
-4	56	-18	-45	30	56	-36	-160	-192	-95	-7	-97	-200	-81	79	109	90	81	107	132
36	-96	-165	-267	-475	-712	-837	-722	-536	-504	-548	-396	-82	321	589	659	761	947	1066	1246
1367	1303	1100	955	887	838	697	466	257	250	132	-130	-206	-197	-296	-370	-449	-591	-634	-575
-542	-679	-875	-817	-665	-685	-874	-849	-707	-717	-877	-874	-596	-472	-660	-619	-360	-334	-508	-433
-148	-64	-237	-443	-420	-270	-335	-477	-494	-291	-96	-70	28	328	750	895	937	1160	1463	1516
1388	1398	1552	1527	1424	1353	1232	1172	1085	925	722	572	559	539	260	3	24	76	-74	-136
-32	-94	-410	-681	-738	-700	-832	-1096	-1343	-1477	-1467	-1530	-1676	-1763	-1814	-1775	-1656	-1535	-1418	-1274
-1085	-935	-860	-811	-765	-790	-798	-773	-824	-918	-1003	-961	-802	-664	-716	-820	-773	-533	-220	99
395	711	1013	1358	1743	1912	2035	2205	2298	2427	2583	2573	2472	2336	2314	2423	2399	2309	2282	2194
2088	1954	1752	1530	1229	760	357	167	-3	-268	-584	-1072	-1412	-1620	-1770	-1747	-1657	-1639	-1674	-1701
-1714	-1581	-1300	-1201	-1292	-1442	-1337	-1199	-1185	-1300	-1232	-1023	-939	-1019	-932	-802	-699	-617	-492	-360
-250	-128	-27	0	16	103	247	312	343	333	283	350	339	372	416	334	221	276	278	173
170	127	110	169	241	273	267	253	233	274	341	456	540	675	851	1115	1284	1214	999	1021
1286	1487	1363	1119	962	914	965	1031	1029	916	667	482	500	573	591	522	364	297	382	423
424	360	264	325	483	601	600	527	514	565	586	464	369	185	-148	-660	-1186	-1521	-1589	-1763
-2095	-2594	-2738	-2633	-2525	-2539	-2151	-1788	-1758	-1815	-1684	-1198	-588	-260	-175	4	171	191	329	487
843	764	754	705	585	410	406	670	856	823	580	546	545	528	491	580	716	869	989	979
843	702	705	777	759	689	531	367	329	368	359	73	184	230	111	-97	-241	-384	-326	-248
-357	-549	-740	-786	-746	-747	-835	-971	-1032	-1045	-1051	-1030	-947	-873	-809	-785	-703	-611	-487	-368
-213	-14	132	164	128	163	269	350	354	321	278	193	107	25	-32	-76	-163	-276	-362	-461
-540	-513	-571	-647	-689	-699	-675	-646	-640	-601	-521	-438	-341	-245	-183	-153	-81	-53	-50	-28
113	242	288	258	272	371	457	547	634	647	630	618	544	508	523	536	518	452	303	206
224	267	276	252	265	313	328	325	310	322	346	371	385	351	326	280	230	216	229	249
240	181	131	124	155	184	202	176	107	82	135	161	123	56	13	-34	-45	-60	-118	-209

-309	-416	-449	-426	-440	-528	-604	-609	-577	-585	-584	-531	-498	-492	-467	-424	-378	-357	-340	-303
-232	-199	-194	-213	-195	-178	-160	-163	-188	-182	-198	-183	-182	-139	-176	-76	16	41	58	104
138	214	260	325	384	473	533	550	569	614	643	696	748	771	803	816	830	839	825	789
747	678	594	525	449	368	302	244	209	189	146	108	61	24	7	41	45	26	-17	-56
-91	-98	-119	-152	-160	-126	-94	-73	-77	-34	16	28	46	86	134	180	204	186	149	140
154	216	249	232	232	237	236	247	280	321	348	337	281	241	223	211	170	117	48	-6
-41	-78	-132	-196	-238	-246	-236	-268	-333	-344	-346	-386	-418	-409	-376	-380	-410	-423	-399	-368
-343	-353	-395	-433	-432	-395	-391	-431	-492	-564	-612	-646	-677	-682	-668	-668	-674	-650	-591	-547
-497	-409	-292	-191	-121	-83	-8	71	169	240	266	279	286	295	318	304	274	262	250	218
206	207	237	258	246	231	247	269	265	259	271	257	224	187	144	88	29	-35	-101	-175
-255	-338	-383	-424	-470	-493	-506	-531	-558	-553	-527	-508	-480	-440	-416	-389	-355	-301	-251	-227
-236	-234	-205	-181	-152	-128	-81	-40	-31	-28	-30	3	60	101	119	74	83	138	188	213
209	213	235	265	289	313	350	423	490	516	513	495	511	545	570	588	549	504	507	496
451	364	311	325	356	320	274	243	232	217	213	208	202	196	190	172	136	103	89	105
83	27	-6	-15	-12	-6	-17	-40	-65	-83	-86	-114	-163	-196	-236	-284	-321	-326	-336	-360
-407	-447	-435	-401	-377	-351	-323	-279	-243	-201	-170	-140	-109	-98	-96	-59	-35	-40	-49	-37
8	57	69	59	39	78	139	182	206	192	198	236	259	318	348	326	327	350	382	408
421	419	402	381	355	357	344	301	257	214	158	138	109	57	-2	-80	-118	-153	-148	-140
-177	-235	-248	-226	-230	-242	-233	-230	-245	-252	-250	-273	-302	-327	-347	-367	-392	-409	-430	-449
-466	-471	-458	-437	-419	-406	-381	-354	-318	-284	-257	-233	-211	-185	-176	-141	-89	-65	-65	-64
-39	-14	6	28	63	88	90	90	98	121	141	149	166	189	211	216	226	266	309	357
397	420	444	474	505	524	546	578	596	555	491	459	436	414	350	284	231	163	104	47
32	39	3	-52	-89	-111	-101	-85	-88	-110	-115	-109	-98	-120	-156	-160	-136	-113	-82	-122
-108	-115	-90	-82	-43	-52	-88	-104	-93	-108	-115	-166	-183	-207	-241	-263	-280	-286	-286	-284
-278	-279	-250	-217	-195	-165	-122	-62	15	60	94	109	130	159	181	180	160	143	124	83
60	43	31	8	-41	-70	-93	-112	-111	-75	-67	-91	-132	-154	-161	-159	-157	-154	-165	-180
-181	-163	-142	-151	-151	-136	-120	-102	-74	-48	-32	-30	-42	-44	-22	-13	-27	-37	-35	-25
4	34	58	55	57	98	137	154	170	201	232	240	230	214	203	224	246	222	191	176
206	223	223	206	194	185	189	199	201	175	145	123	113	108	101	106	93	64	58	70
88	74	58	86	112	103	91	85	84	71	64	56	63	45	30	13	5	14	29	12
-3	-9	-6	-4	-16	-16	-126	-138	-154	-101	-122	-113	-94	-108	-130	-138	-133	-141	-155	-159
-155	-146	-134	-139	-142	-126	-126	-126	-154	-158	-172	-186	-190	-181	-152	-142	-155	-165	-155	-125
-108	-93	-77	-48	-23	-19	-34	-20	-4	-7	-39	-30	-19	-12	-44	-65	-54	-45	-64	-77
-84	-93	-117	-125	-117	-98	-114	-151	-149	-124	-104	-101	-113	-94	-61	-43	-37	-26	-5	9
10	20	44	59	60	66	63	78	77	83	98	111	122	138	156	171	184	205	229	226
207	220	244	249	248	237	229	232	252	267	272	262	253	249	246	229	215	209	200	172
141	115	96	75	48	17	-4	-18	-28	-42	-50	-50	-50	-54	-77	-107	-125	-134	-136	-140
-165	-183	-190	-174	-177	-194	-189	-197	-199	-197	-183	-164	-161	-168	-181	-170	-163	-179	-189	-192
-191	-196	-202	-191	-164	-149	-136	-123	-106	-96	-95	-77	-62	-52	-41	-21	-3	6	7	8
20	55	79	77	80	89	103	116	119	131	154	160	141	121	110	133	140	124	108	116
145	145	123	125	139	139	131	129	130	130	99	63	36	19	15	1	-23	-38	-45	-52
-54	-56	-51	-48	-51	-58	-70	-82	-74	-55	-55	-72	-80	-75	-69	-79	-93	-101	-111	-137
-144	-125	-120	-141	-158	-158	-153	-147	-145	-140	-125	-108	-100	-75	-41	-2	34	47	55	75
109	144	183	220	220	221	213	207	219	224	212	187	158	143	146	143	128	100	77	73
89	102	103	108	107	110	114	129	146	146	131	117	117	109	92	76	65	44	15	-4
-6	-24	-74	-116	-141	-146	-137	-165	-178	-193	-206	-215	-216	-210	-198	-187	-193	-196	-191	-183
-179	-177	-177	-178	-191	-203	-203	-193	-187	-189	-188	-188	-188	-181	-172	-164	-146	-128	-118	-103
-86	-50	-15	3	22	54	99	135	168	196	225	242	260	284	315	330	326	322	319	320
309	328	315	293	294	271	258	238	235	207	202	179	151	118	90	77	67	48	31	21
2	-12	-19	-27	-35	-47	-55	-59	-63	-83	-108	-126	-133	-140	-161	-189	-209	-225	-246	-272

I10201 71.090.0
 STATION NO. 471
 INSTR PERIOD = 0.0390 SEC DAMPING = 0.555
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 1625 OLYMPIC BLVD., 10TH FLOOR, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 02 58N, 118 16 26W

PEAK VALS ACLN = 196.5 CM/SEC AT 12.60 SEC VELO = 14.2 CM/SEC AT 12.64 SEC DISP = -5.2 CM AT 12.28 SEC
 INITIAL VELO = -0.84333 CM/SEC INITIAL DISP = -0.11989 CM

2467 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-149	-61	32	89	121	46	-26	-26	23	92	164	156	100	-15	-177	-260	-171	14	201	361
374	291	106	-253	-625	-573	-324	52	456	587	543	223	-187	-527	-612	-465	-314	-47	314	551
631	542	174	-272	-454	-424	-275	-42	211	184	50	13	67	97	24	64	-75	-87	7	-191
-289	-155	-4	167	277	254	275	189	-241	-524	-474	-364	-87	126	298	529	541	248	7	-240
-332	-152	-72	46	94	121	95	7	-59	-97	-102	-134	-189	-267	-196	-149	-82	72	193	207
312	369	101	52	185	-125	-276	-228	-225	-75	130	114	89	111	8	-76	57	166	32	-95
-157	-266	-232	-92	-4	86	168	198	189	295	107	-323	-408	-473	-467	-233	72	273	386	323
152	-32	-174	-256	-232	-10	181	99	162	219	-4	-114	-53	56	258	304	0	-155	132	175
-57	-327	-298	-68	48	241	403	378	209	-100	-243	31	264	280	168	-83	-83	-15	-166	-219
-152	-257	-241	3	142	156	286	115	-153	-353	-461	-322	-286	-198	-112	1	175	357	235	146
408	327	-87	-195	-547	-661	-68	424	460	455	663	207	-505	-563	-547	-145	369	202	-204	49
431	180	25	125	17	-214	-180	-51	291	591	284	-94	-147	-61	-165	-424	-470	-267	-45	172
135	61	98	-168	-407	-346	-146	74	181	116	56	178	379	410	272	11	-322	-288	-7	112
267	210	-39	-205	-469	-700	-746	-342	82	283	721	1091	855	220	437	-862	-638	-47	263	373
376	96	-342	-715	-874	-590	-172	42	464	544	603	560	-5	-425	-548	-318	35	83	167	295
38	-356	-389	-30	321	423	180	-76	-120	-85	-183	-232	-74	248	706	900	502	-200	-786	-962
-600	-224	-72	59	289	275	85	-264	-436	-194	82	293	340	496	456	9	-504	-712	-409	61
361	259	37	-60	42	-32	-409	-388	-140	316	844	1092	895	209	-393	-533	-298	77	511	616
231	-181	-170	-9	-371	-1070	-1206	-704	-33	486	652	345	59	-51	-216	-58	319	452	320	68
-13	40	190	286	101	-176	-197	73	252	257	47	-88	-68	-74	139	365	137	-169	-166	-53
-11	69	233	262	311	360	291	330	254	-81	-238	-14	311	587	443	-265	-740	-533	75	491
343	-60	-327	-688	-1124	-885	-206	809	1295	833	262	-133	-292	-555	-604	-310	-46	133	248	175
-172	-373	-251	89	448	278	-376	-890	-890	-457	101	613	1175	1219	736	147	-359	-840	-840	-452
-63	309	842	1017	831	156	-471	-629	-575	-347	-44	22	29	119	293	169	-57	-176	-63	151
241	191	198	341	112	-553	-1292	-1363	-574	370	803	529	-109	-452	-435	-484	-188	236	149	-280
-700	-869	-688	-197	357	386	198	96	-295	-663	-731	-304	237	770	860	231	-485	-588	-179	147
355	553	227	-249	-272	-111	-47	-86	-97	200	704	890	517	-83	-529	-674	-526	-105	330	482
639	636	490	220	-304	-514	-433	-563	-830	-1045	-728	110	764	898	625	241	47	-91	-313	-469
-290	119	198	85	-90	-269	-283	-190	-110	-34	59	195	327	250	16	-228	-360	-263	-120	-209
-367	-487	-469	-125	228	625	964	851	277	-304	-413	-385	-282	81	453	664	595	282	38	54
192	203	90	-115	-277	-116	89	41	-196	-408	-560	-356	403	1249	1639	1125	-2	-741	-534	302
875	1049	1258	616	4	-690	-1003	-1027	-34	1413	1965	1309	-3	-1083	-1242	-602	222	640	564	167
-221	-542	-578	-385	-65	200	486	608	334	-111	-454	-539	-485	-387	-350	-280	-72	-68	-292	-448
-368	-160	22	112	236	61	-261	-450	-541	-496	-370	-21	265	400	259	68	44	65	53	105
134	-27	-264	-268	-208	-205	-75	54	124	210	-239	97	80	241	404	474	352	4	-388	-592
-648	-564	-374	-86	46	-135	-475	-694	-674	-445	-211	-34	58	12	-123	-175	-185	-261	-252	-110
81	234	302	252	108	-93	-199	-204	-149	4	227	363	321	214	140	127	107	131	25	-195
-329	-336	-213	-73	7	92	157	135	60	75	254	448	467	282	61	-23	-18	80	147	151
171	206	138	3	-79	-68	24	103	115	104	70	14	-44	-179	-302	-321	-244	-108	-17	89
194	239	222	220	237	260	312	308	281	229	136	67	46	64	96	79	12	-120	-225	-253

-212	-157	-62	-1	-35	-78	-99	-110	-45	63	114	50	-41	-71	-24	66	193	281	271	157
48	-37	-46	19	121	208	177	128	74	4	-71	-80	-40	-26	-5	-38	-56	-116	-133	-152
-197	-221	-181	-122	-55	-15	2	-47	-95	-140	-201	-228	-187	-131	-119	-73	3	74	77	26
-35	-140	-212	-187	-96	49	150	175	128	-3	-111	-181	-200	-126	-10	108	221	238	152	25
-86	-165	-137	-20	49	77	92	127	138	139	125	69	-29	-69	-37	8	60	119	162	128
34	-111	-262	-296	-225	-159	-134	-151	-179	-214	-252	-253	-193	-107	-6	52	33	-31	-70	-86
-103	-111	-109	-119	-98	-66	-50	-59	-41	-32	-72	-90	-76	-82	-94	-67	-62	-70	-27	6
1	-23	0	27	37	75	104	108	141	209	251	240	209	213	290	378	407	358	294	223
206	221	210	213	281	333	296	218	168	127	109	159	260	297	233	153	110	49	-42	-50
-15	8	88	106	48	-11	-80	-184	-292	-327	-267	-190	-110	-32	-44	-109	-136	-146	-176	-181
-168	-159	-112	-57	-12	21	29	-3	-22	-14	0	9	31	64	48	-44	-117	-125	-66	-13
35	31	-47	-127	-161	-154	-105	-65	-36	19	35	-2	-46	-31	15	22	11	-26	-40	-13
13	-43	-121	-169	-138	-67	-14	-62	-73	-69	-61	-90	-133	-137	-111	-115	-155	-210	-243	-220
-164	-106	-59	-42	-55	-83	-65	-31	4	4	17	-8	-52	-37	-6	-18	-34	-25	25	113
198	262	264	199	114	31	8	56	159	318	397	381	305	201	146	113	132	173	182	164
147	158	182	169	118	60	21	14	50	50	24	19	52	94	79	41	9	-16	-38	-80
-127	-132	-62	8	11	-55	-102	-113	-110	-95	-88	-106	-112	-152	-225	-258	-228	-161	-152	-169
-157	-128	-98	-55	-20	-25	-27	-51	-80	-82	-56	-6	31	49	21	-6	6	25	12	0
-21	-30	9	75	87	48	-43	-81	-75	-69	-86	-56	2	53	52	33	13	2	-1	0
-24	-56	-59	2	52	63	81	96	79	69	52	45	40	53	80	71	28	10	-16	-4
68	90	74	64	51	48	81	92	69	76	109	132	126	84	51	51	68	56	37	51
94	124	118	43	-15	-22	-24	-29	-26	-14	8	15	-15	-49	-112	-157	-178	-208	-186	-142
-99	-109	-132	-129	-107	-103	-89	-75	-45	-30	-18	-7	17	48	79	66	-2	-71	-124	-92
-34	16	27	19	-14	-33	-41	-42	-22	-19	-3	-43	-61	-57	-58	-34	-44	-86	-96	-75
-12	39	69	49	-13	-53	-62	-34	36	116	172	188	153	73	37	34	21	14	53	86
57	-3	-55	-75	-61	-40	-33	-11	35	80	81	45	5	33	42	44	24	-16	-28	9
30	44	68	87	85	63	34	20	44	106	146	131	62	20	-9	-21	-13	68	126	135
102	40	-5	-37	-6	57	84	69	2	-63	-102	-68	31	104	113	83	28	-42	-87	-102
-111	-69	-6	21	30	-4	-70	-133	-165	-147	-115	-80	-30	-1	1	-25	-82	-134	-120	-50
3	34	48	43	8	-27	-57	-64	-39	-45	-83	-100	-76	5	89	103	59	14	-24	-46
-21	3	31	42	-11	-105	-146	-101	5	78	90	49	-26	-69	-84	-53	0	24	-9	-42
-62	-68	-34	5	19	11	-16	-42	-53	-50	-36	-10	21	16	-13	-14	10	19	10	3
-20	-30	-11	10	11	9	20	13	-3	5	21	34	56	78	68	60	53	57	89	116
112	80	47	36	38	38	42	48	49	39	41	39	21	35	49	28	3	-22	-27	5
8	-13	-40	-54	-32	-15	19	45	30	17	-8	-39	-73	-84	-59	-33	-22	-14	26	54
78	71	31	-14	-2	28	47	51	59	72	77	47	23	4	7	13	-7	-20	-12	6
25	13	-25	-48	-46	-39	-42	-43	-41	-47	-57	-61	-53	-19	20	13	0	-23	-47	-49
-30	-16	-16	-25	-26	-2	-4	1	-30	-44	-43	-26	-67	-45	0	37	48	10	-30	-16
3	-19	-66	-63	-8	33	66	55	23	20	0	-41	-77	-94	-101	-90	-62	-3	15	45
89	94	-1	-81	-88	-80	-60	-32	-14	-5	32	34	27	26	16	23	47	12	-20	-20
-42	-36	-3	-16	-20	13	61	56	6	-21	-1	48	52	23	-2	-28	-53	-47	-30	-8
69	124	103	57	16	6	7	11	22	5	-18	-17	21	54	65	75	49	-2	-41	-55
-53	-47	-45	-33	-38	-60	-35	32	36	-9	-13	-15	-12	7	-4	-26	-11	14	13	-1
-8	20	48	27	4	-4	-37	-66	-37	-2	31	60	52	21	-2	-32	-66	-70	-42	-20
8	35	52	52	9	-37	-51	-49	-47	-33	-21	-35	-60	-70	-68	-54	4	57	49	-2
-43	-50	-6	44	33	1	-27	-60	-44	-5	27	62	88	79	48	39	52	47	36	30
7	-15	8	36	37	19	0	-7	-10	9	54	79	82	75	75	60	66	86	79	58
57	52	28	7	-25	-61	-54	-15	24	70	102	108	64	11	-48	-78	-57	-9	14	6
-6	-11	-4	14	-2	28	15	-6	-21	-33	-2	37	38	28	14	15	25	40	39	4
-22	-24	-32	-45	-45	-21	4	2	-13	-19	-2	35	61	26	-50	-128	-160	-115	-9	94

I10204 71.149.0
 STATION NO. 131
 INSTR PERIOD = 0.0660 SEC DAMPING = 0.592
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 215 WEST BROADWAY, UTILITIES BUILDING, LONG BEACH, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP NOOE 33 46 10N, 118 11 37W

PEAK VALS ACLN = -26.0 CM/SEC/SEC AT 5.38 SEC VELO = -8.2 CM/SEC AT 27.56 SEC DISP. = -5.8 CM AT 18.84 SEC
 INITIAL VELO = -1.06805 CM/SEC INITIAL DISP = -0.40274 CM

3435 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
-11	23	33	41	51	53	49	44	35	25	22	23	22	14	3	-17	-41	-61	-73	-72
-64	-56	-42	-20	20	72	103	108	106	99	73	17	-62	-98	-74	-4	73	109	117	107
70	5	-37	-53	-70	-85	-93	-83	-58	-20	28	58	82	110	130	130	103	30	-58	-90
-68	-32	-16	-18	-6	17	26	19	9	-13	-48	-80	-83	-53	0	56	103	129	123	84
6	-82	-137	-160	-157	-110	-49	-18	-8	3	16	29	43	55	46	12	-27	-39	-5	27
32	23	23	27	25	21	13	-5	-44	-75	-57	-19	-9	-26	-36	-4	53	86	73	38
13	16	35	42	38	50	69	77	74	59	33	-9	-44	-45	-15	7	12	21	39	68
122	149	119	51	-27	-80	-109	-126	-131	-110	-63	-21	20	74	123	145	125	72	7	-34
-36	-19	2	21	35	44	49	33	8	-9	-7	5	33	68	87	82	50	10	-9	-18
-45	-67	-44	4	33	23	-8	-34	-44	-53	-66	-90	-113	-89	-27	31	69	91	91	66
34	13	-1	-31	-70	-89	-91	-86	-65	-34	-19	-21	-14	20	57	71	67	62	55	44
33	24	1	-35	-54	-61	-74	-98	-113	-90	-22	36	55	42	9	-29	-72	-111	-146	-174
-173	-145	-89	-1	61	72	64	46	8	-36	-60	-67	-78	-122	-173	-173	-134	-83	-18	40
76	131	209	237	197	133	31	-122	-222	-260	-218	-140	-102	-80	-58	-46	-48	-56	-58	-54
-54	-58	-34	30	86	103	101	96	85	44	-14	-42	-25	3	19	13	-2	-17	-37	-60
-78	-94	-95	-84	-76	-71	-65	-47	-4	31	5	-51	-76	-47	-79	-89	-84	-63	-42	-15
5	18	31	43	53	64	75	80	73	61	48	32	10	-13	-28	-26	-11	5	12	14
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 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
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EPICENTER 34 24 00N, 118 23 42W
 COMP N90E 33 46 10N, 118 11 37W

PEAK VALS ACLN = 20.8 CM/SEC/SEC AT 17.68 SEC VELO = 9.6 CM/SEC AT 28.20 SEC DISP = -7.3 CM AT 33.86 SEC

INITIAL VELO = 0.73060 CM/SEC INITIAL DISP = -0.12766 CM
 3436 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-50	-36	-16	12	43	64	65	49	19	-8	-17	-19	-27	-43	-60	-75	-86	-91	-90	-87
-88	-80	-53	-6	57	98	95	62	16	-33	-89	-129	-134	-112	-63	-1	45	79	103	121
118	94	51	0	-27	-32	-25	-15	-13	-28	-48	-56	-46	-33	-26	-26	-27	-19	16	60
79	80	83	88	87	89	98	85	36	-18	-48	-61	-74	-95	-118	-123	-101	-53	6	40
31	10	-5	-9	3	17	24	29	32	30	22	6	-17	-38	-52	-54	-37	-7	24	51
76	89	81	67	47	17	-21	-42	-30	-9	10	25	35	43	38	11	-25	-36	-14	19
40	45	39	34	27	11	-3	3	30	43	30	11	-2	-19	-59	-97	-103	-91	-73	-41
22	94	134	143	127	77	-4	-84	-140	-160	-138	-86	-34	29	92	118	109	81	51	18
-19	-59	-83	-70	-34	-13	-2	7	11	8	-4	-20	-34	-41	-45	-46	-32	-6	24	55
84	110	137	148	111	34	-20	-23	-7	-4	-24	-60	-78	-37	41	94	116	116	102	93
98	103	86	39	-24	-84	-128	-142	-139	-132	-121	-100	-63	-22	-5	-13	-30	-44	-50	-62
-83	-117	-142	-118	-32	28	18	-5	5	36	62	75	70	47	19	-6	-31	-49	-48	-43
-43	-43	-25	15	67	92	82	53	10	-30	-64	-96	-126	-144	-152	-141	-101	-33	35	87
119	120	105	80	41	-5	-58	-88	-87	-77	-76	-85	-98	-108	-107	-92	-64	-30	-10	-3
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23	61	68	33	-16	-44	-46	-42	-49	-64	-69	-56	-41	-33	-22	30	101	136	134	118
96	70	52	49	52	55	61	77	95	114	132	140	153	163	148	119	73	-7	-79	-108
-118	-129	-135	-134	-109	-52	-2	24	30	16	-11	-32	-33	-26	-28	-39	-45	-40	-19	23
52	44	15	-21	-64	-103	-131	-116	-68	-30	-12	-6	0	9	28	51	59	53	43	35
32	34	36	40	45	41	17	-25	-64	-84	-85	-70	-39	-1	17	21	22	30	56	71
55	20	-5	-3	19	62	113	140	145	135	105	63	31	11	-11	-49	-95	-128	-143	-142
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-14	-5	0	-7	-30	-60	-67	-45	-19	0	20	51	91	111	99	72	24	-32	-67	-83
-89	-87	-78	-57	-21	20	35	19	-12	-54	-89	-112	-125	-124	-102	-68	-33	-4	8	4
0	2	7	12	19	29	53	77	81	62	22	-12	-9	17	34	39	44	51	57	59
44	4	-25	-20	-3	19	40	61	80	96	99	83	60	45	42	46	58	80	111	133
134	118	93	78	74	70	65	62	60	58	44	10	-45	-108	-158	-188	-194	-179	-152	-127
-112	-108	-108	-105	-85	-46	18	87	134	163	164	146	136	130	123	101	66	39	30	40
50	40	6	-36	-51	-42	-20	18	57	93	126	143	145	130	109	95	87	79	71	63
54	36	5	-34	-79	-119	-133	-118	-88	-49	-13	15	35	41	33	32	36	41	46	50
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-88	-107	-128	-143	-157	-157	-149	-136	-111	-89	-75	-74	-92	-123	-147	-154	-141	-116	-85	-51
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-95	-102	-103	-98	-89	-79	-67	-56	-49	-43	-37	-35	-35	-25	-24	-27	-27	-26	-23	-23
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110204 71.149.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 131 215 WEST BROADWAY, UTILITIES BUILDING, LONG BEACH, CAL. COMP UP 33 46 10N, 118 11 37W
 INSTR PERIOD = 0.0660 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -12.3 CM/SEC/SEC AT 1.20 SEC VELO = -6.1 CM/SEC AT 25.44 SEC DISP = -3.6 CM AT 39.20 SEC

INITIAL VELO = -0.13303 CM/SEC INITIAL DISP = -0.11403 CM

3425 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

18	0	4	39	55	40	18	12	15	3	-30	-62	-71	-64	-60	-63	-47	-17	-12	-34
-51	-50	-37	-9	22	28	21	15	18	19	1	-25	-35	-30	-28	-30	-10	43	96	104
82	70	71	68	55	32	2	-13	4	43	64	51	14	-42	-93	-101	-68	-29	-29	-82
-123	-83	-1	41	33	25	37	53	52	37	23	11	23	46	59	39	-11	-52	-73	-68
-35	4	25	32	37	36	15	-24	-50	-42	-4	38	63	58	35	13	6	17	27	13
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-79	-55	-37	-72	-109	-102	-44	18	23	-21	-73	-77	-31	28	71	88	87	68	22	-30
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85	62	29	-4	-18	-8	-1	-9	-19	-18	-6	0	-11	-23	-7	23	39	42	27	-9
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-20	-18	-15	-12	-11	-11	-10	-10	-7	-3	2	6	11	14	16	17	17	18	19	21

II10205 71.154.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N,118 23 42W
STATION NO. 130 TERMINAL ISLAND, LONG BEACH, CAL. COMP N21W 33 45 53N,118 13 30W
INSTR PERIOD = 0.0670 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -28.4 CM/SEC/SEC AT 11.64 SEC VELO = -7.4 CM/SEC AT 37.46 SEC DISP = 6.4 CM AT 35.92 SEC

INITIAL VELO = -0.27075 CM/SEC INITIAL DISP = 0.28968 CM
4949 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-20	-13	5	23	19	4	-6	-13	-17	-10	-2	-11	-35	-52	-45	-29	-5	16	17	6
3	10	12	-4	-34	-53	-48	-36	-25	-14	-7	-11	-18	-19	-12	-3	4	-1	-13	-13
8	24	18	1	-16	-31	-44	-36	-15	3	12	31	64	97	109	95	75	67	47	-5
-57	-73	-52	-24	-8	4	16	12	-29	-63	-54	-3	67	114	95	20	-43	-55	-35	-21
-34	-54	-64	-53	-6	56	88	87	50	-9	-56	-90	-92	-57	-21	12	31	26	2	-23
-11	28	38	6	-22	-22	10	43	50	44	51	71	81	83	98	112	80	14	-35	-74
-111	-142	-136	-92	-53	-18	37	90	128	149	161	154	116	57	12	-4	-5	-7	-28	-69
-105	-119	-83	-18	31	65	90	110	104	65	19	-2	8	-18	-96	-154	-147	-86	-27	19
64	88	68	7	-34	-29	-2	23	33	38	42	36	-5	-62	38	-22	31	55	51	47
56	63	46	-7	-41	-33	-15	4	21	33	29	11	-12	-32	-40	-27	-5	16	6	-23
-7	44	74	62	8	-44	-49	-14	-30	58	21	-46	-71	-39	18	46	43	36	30	7
-25	-28	11	60	74	69	39	-32	-94	-96	-57	-28	-12	8	32	61	78	77	72	69
55	14	-11	-3	5	-11	-56	-114	-152	-146	-101	-16	64	73	29	-38	-96	-99	-24	31
21	-16	-27	6	56	89	108	123	116	73	12	-43	-64	-58	-71	-126	-172	-162	-69	64
142	140	89	30	-28	-85	-140	-189	-219	-206	-136	-39	33	56	65	79	83	58	22	-7
-24	-50	-95	-137	-158	-148	-120	-87	-50	2	63	118	154	141	77	5	-26	-4	39	64
46	-2	-14	21	63	52	-11	-32	-13	6	11	0	-16	-26	-17	24	65	63	10	-42
-34	27	72	54	-2	-65	-106	-99	-72	-65	-79	-74	-28	5	-10	-47	-71	-70	-60	-66
-90	-104	-102	-97	-102	-105	-77	-20	37	52	32	2	-30	-59	-58	-10	41	57	48	42
37	6	-24	-5	38	69	71	51	33	30	27	10	-3	4	24	35	14	-23	-27	-1
45	96	124	119	105	99	104	115	127	120	81	10	-47	-61	-58	-70	-92	-109	-99	-56
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-41	-81	-103	-97	-80	-66	-53	-33	-7	27	47	35	-3	-39	-55	-62	-72	-76	-53	-9
22	36	46	74	125	152	140	111	73	40	38	65	101	109	75	32	1	-33	-72	-95
-81	-46	-15	0	4	10	14	6	-5	-2	11	18	13	8	23	58	95	94	46	-20
-82	-114	-114	-103	-88	-66	-27	23	67	82	71	55	46	44	34	8	-25	-42	-40	-31
-28	-31	-25	-3	18	21	12	3	3	9	11	9	12	18	17	-12	-68	-129	-189	-233
-260	-280	-284	-267	-221	-149	-62	5	26	23	25	34	39	40	41	43	52	76	120	162
184	161	79	-5	-65	-94	-94	-106	-144	-183	-204	-202	-188	-175	-163	-148	-122	-86	-56	-43
-50	-65	-83	-93	-90	-71	-37	7	56	100	131	140	120	68	18	2	16	33	30	7
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35	0	-35	-63	-80	-79	-59	-35	-12	11	34	57	81	105	116	93	59	27	-5	-37
-68	-100	-128	-137	-124	-101	-77	-50	-18	15	55	97	134	170	188	174	141	91	32	-26
-80	-119	-144	-160	-162	-141	-90	-19	54	123	185	223	229	200	137	69	44	52	64	68
51	22	-2	-18	-27	-32	-31	-15	13	49	87	123	165	207	227	222	204	183	166	149
120	91	83	84	82	58	14	-32	-60	-60	-49	-40	-32	-18	9	41	71	87	85	82
79	74	63	49	43	51	63	76	89	91	72	34	-10	-49	-73	-82	-84	-75	-49	-12
29	67	94	106	97	72	36	-9	-46	-62	-59	-50	-48	-57	-65	-70	-67	-52	-27	7

49	95	127	141	146	143	134	117	93	68	41	16	-2	-7	-4	-5	-14	-28	-43	-63
-88	-117	-130	-117	-94	-73	-54	-36	-25	-22	-26	-34	-57	-93	-123	-134	-115	-72	-20	23
47	64	80	99	118	122	112	100	91	93	94	79	42	-6	-57	-112	-156	-170	-164	-147
-128	-115	-105	-93	-76	-53	-29	-11	91	-16	-26	-29	-17	3	20	27	20	3	-16	-34
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-62	-70	-77	-76	-68	-59	-52	-47	-45	-44	-34	-20	-11	-8	-15	-30	-47	-55	-59	-60
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58	50	25	-7	-22	-22	-22	-28	-34	-29	-8	28	76	125	157	179	193	202	204	190
167	151	144	139	128	104	73	43	18	1	-8	-8	6	30	56	73	77	64	38	10
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106	88	65	37	5	-26	-52	-75	-98	-115	-126	-133	-130	-115	-98	-85	-77	-69	-57	-41
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-158	-126	-91	-56	-19	16	47	76	98	115	128	138	138	119	80	36	-1	-35	-65	-87
-102	-114	-125	-130	-119	-95	-70	-42	-17	-3	7	17	28	42	56	62	58	49	41	33
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58	47	37	27	19	12	7	0	-6	-8	-5	-8	-24	-48	-73	-86	-83	-73	-62	-53
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82	76	67	55	44	36	35	40	47	54	60	66	71	74	78	81	84	87	89	91
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[illegible]

IID205 71.154.0
 STATION NO. 130
 INSTR PERIOD = 0.0680 SEC DAMPING = 0.592
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 TERMINAL ISLAND, LONG BEACH, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP S69W 33 45 53N, 118 13 30W

PEAK VALS ACCLN = -28.1 CM/SEC/SEC AT 1.94 SEC VELO = 10.4 CM/SEC AT 45.72 SEC DISP = -8.7 CM AT 44.40 SEC

INITIAL VELO = 0.71980 CM/SEC INITIAL DISP = 0.13695 CM

4950 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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110205 71.154.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 130 TERMINAL ISLAND, LONG BEACH, CAL.
 INSTR PERIOD = 0.0680 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UP 33 45 53N, 118 13 30W

PEAK VALS ACCLN = -16.2 CM/SEC/SEC AT 6.78 SEC VELO = -4.2 CM/SEC AT 30.56 SEC DISP = 2.8 CM AT 29.64 SEC

4950 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.35814 CM/SEC INITIAL DISP = -0.21091 CM

37	5	13	0	-14	-10	-27	-40	-13	2	-9	-10	-6	-15	-22	-11	-18	-24	8	20
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-9	-10	-16	-17	-16	-3	-17	-14	-12	-13	-12	-10	-18	-9	-9
-8	-6	-4	0	-4	-3	0	6	7	6	9	9	10	12	12
13	14	13	16	14	15	16	13	15	13	14	15	17	18	20
22	21	18	13	12	12	13	13	12	12	12	-3	-3	-3	-2
-4	-4	-5	-8	-5	-7	-8	-7	-8	-8	-7	-6	-5	-3	-2
-1	-1	3	2	3	2	2	3	2	2	2	1	4	8	8
7	7	3	7	7	7	7	8	8	7	10	10	5	6	8
7	2	-3	-2	-5	-6	-6	-7	-3	-7	-5	-3	0	2	1
-2	-3	0	0	5	7	7	5	4	4	-4	-8	-6	-3	-5
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1	1	-2	-4	-4	-5	-4	-3	-3	-2	-1	-1	-2	-4	-4
-3	-3	-2	-1	-1	-1	-1	-2	-2	-1	3	5	6	3	4
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17	15	14	13	13	13	13	12	13	15	14	11	9	3	5
5	5	4	1	0	0	1	-1	-4	-8	-9	-3	-8	-10	-14
-14	-15	-15	-9	-16	-16	-15	-14	-15	-16	-16	-15	-12	-13	-13
-7	-8	-10	-2	-5	-2	0	-2	-3	-1	-1	-2	-6	-5	-6
3	4	3	6	5	5	6	7	8	9	9	7	7	0	1
7	7	7	7	7	7	6	5	5	4	4	4	2	7	7
2	2	3	3	3	3	4	6	7	4	3	2	1	3	3
-1	-3	-1	2	1	2	3	2	1	1	1	0	-1	-7	-6
-6	-7	-8	-9	-9	-11	-15	-17	-17	-17	-18	-20	-23	-21	-18
-18	-18	-18	-18	-18	-17	-17	-17	-17	-15	-14	-13	-11	-8	-7
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21	21	21	21	21	22	20	17	16	16	16	15	15	13	12
10	9	6	5	4	5	6	6	6	6	5	4	4	2	0
-4	-6	-8	-10	-11	-13	-15	-17	-18	-20	-21	-21	-24	-27	-27
-27	-27	-26	-24	-23	-23	-23	-23	-23	-23	-23	-24	-26	-27	-27
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-2	-2	-2	-2	-1	0	1	2	3	5	6	7	13	19	19
18	18	18	18	19	22	24	26	27	26	23	25	26	27	29
28	27	26	25	24	23	21	19	18	19	19	14	13	10	8
8	7	6	6	5	3	0	-1	0	1	0	-1	-4	-5	-5
-6	-8	-11	-12	-12	-12	-12	-12	-11	-10	-11	-13	-12	-11	-9
-8	-8	-8	-9	-9	-10	-10	-8	-8	-8	-7	-5	2	3	3
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-1	-1	-1	-2	-2	-3	-3	-4	-4	-5	-3	-1	10	11	11
3	3	6	7	7	8	9	9	9	10	10	10	6	5	4
12	12	12	12	12	12	12	12	12	12	11	8	-13	-15	-16
-17	-17	-17	-17	-17	-18	-18	-20	-21	-23	-23	-23	-20	-18	-16
-13	-12	-12	-12	-12	-11	-10	-9	-8	-8	-7	-6	-2	-3	-3
-2	-2	-2	-1	-1	-1	0	1	2	4	5	6	9	13	14
15	15	15	15	15	16	16	17	16	16	17	18	19	19	20

20	15	20	14	20	12	20	11	20	11	20	11	20	11	20	11	20	10	20	9	21	8	21	6	21	5	21	5	20	5	20	5	19	2	18	0	17	-3	16	-4	16	-3	15	-2
15	-2	20	-3	20	-3	20	-3	20	-3	20	-3	20	-3	20	-3	20	-3	20	-3	21	-5	21	-3	21	-3	21	-3	20	-5	20	-5	19	-4	18	-3	17	-4	16	-8	16	-9	15	-8
-8	-8	20	-9	20	-9	20	-6	20	-6	20	-6	20	-6	20	-6	20	-6	20	-6	21	-8	21	-10	21	-10	21	-10	20	-11	20	-11	19	-11	18	-11	17	-11	16	-12	16	-11	15	-8
-8	-8	20	-9	20	-8	20	-8	20	-8	20	-8	20	-8	20	-8	20	-8	20	-8	21	-10	21	-10	21	-10	21	-10	20	-10	20	-10	19	-8	18	-8	17	-7	16	-6	16	-5	15	-6
-7	-7	20	-7	20	-4	20	-4	20	-4	20	-4	20	-4	20	-4	20	-4	20	-4	21	-4	21	-3	21	-3	21	-3	20	-3	20	-3	19	-4	18	-4	17	-6	16	-7	16	-6	15	-3
-1	-1	20	-1	20	-4	20	0	20	0	20	1	20	1	20	1	20	1	20	0	21	-1	21	-2	21	-2	21	-2	20	-2	20	-2	19	-2	18	-2	17	-2	16	-2	16	-2	15	-1
1	1	20	3	20	4	20	3	20	3	20	4	20	4	20	4	20	4	20	5	21	5	21	5	21	5	21	5	20	5	20	5	19	2	18	0	17	-3	16	-4	16	-3	15	-2

II0206 71.158.0
STATION NO. 274
INSTR PERIOD = 0.0460 SEC DAMPING = 0.644
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
HALL OF RECORDS, SAN BERNARDINO, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP NOOE 34 06 20N, 117 17 04W

PEAK VALS ACCLN = 37.4 CM/SEC/SEC AT 7.94 SEC VELO = 3.5 CM/SEC AT 8.10 SEC DISP = -1.3 CM AT 14.64 SEC

INITIAL VELO = -0.00033 CM/SEC INITIAL DISP = 0.10261 CM

2641 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

48	32	19	10	2	-31	-60	-43	-16	-8	-11	-11	-9	-3	13	29	41	52	45	14
-32	-58	-78	-75	-49	-31	-24	-19	-19	-9	3	2	-2	5	29	50	62	63	34	-6
-32	-44	-34	-23	-44	-55	-40	-8	37	74	87	74	58	43	25	-1	-14	-10	-8	-8
-20	-44	-55	-41	-15	19	37	44	40	34	24	15	13	1	3	21	8	-15	-27	-47
-69	-53	-25	-10	6	7	17	23	31	44	38	2	-29	-49	-50	-30	-5	20	34	24
22	29	33	33	50	70	61	26	-17	-64	-60	-30	-8	-18	-16	7	8	-10	-23	-8
15	12	7	32	29	7	-13	-7	9	30	45	32	0	-21	-44	-36	-3	15	10	11
27	28	15	9	10	11	-5	-28	-41	-44	-33	-23	-16	9	45	33	-2	-9	-22	-61
-56	-35	-14	-1	15	22	-6	-35	-26	-25	-22	-5	6	6	11	2	-15	-17	-6	-1
7	13	18	31	71	97	87	50	18	-8	-27	-39	-15	-1	1	6	7	5	-1	-10
-21	-28	-21	5	28	35	17	-21	-61	-72	-50	-45	-21	23	41	40	33	10	8	0
-5	0	-23	-31	-14	-1	9	18	25	35	42	58	59	43	27	19	7	-12	-17	-10
6	15	28	32	21	7	-7	0	19	32	35	18	-1	-25	-34	-37	-33	-29	-49	-76
-75	-75	-56	-27	-12	-8	-2	-8	11	43	64	49	34	20	-3	-35	-31	-10	5	-1
-10	0	11	22	-5	-42	-36	-8	15	19	13	7	-5	-7	-7	-6	-6	-16	-29	-16
-1	9	-1	-26	-39	-28	17	52	58	45	27	10	-15	-34	-31	-46	-83	-109	-123	-136
-129	-94	-51	-38	-48	-43	-10	36	67	72	76	91	100	69	20	-41	-69	-66	-35	-1
4	-19	-25	-4	12	-3	-16	-4	22	40	25	7	-12	-24	-34	-46	-48	-45	-20	29
86	116	114	108	66	-11	-54	-39	16	78	110	120	127	132	117	58	0	-34	-90	-113
-68	6	54	55	28	17	5	-26	-58	-101	-161	-222	-202	-90	70	248	354	374	304	223
182	190	186	136	56	-41	-143	-213	-277	-347	-355	-297	-204	-87	0	26	19	-26	-84	-114
-147	-147	-78	10	99	172	203	155	50	-64	-102	-98	-133	-159	-134	-55	69	175	236	229
210	166	90	-5	-103	-168	-172	-176	-172	-125	-54	15	80	139	178	170	103	-7	-91	-140
-145	-102	-28	54	111	119	87	88	152	222	241	199	124	33	-86	-168	-235	-263	-233	-169
-89	-32	-12	4	59	147	212	232	214	152	54	-14	-41	-37	-2	15	-22	-79	-115	-111
-122	-146	-117	-39	38	87	100	82	60	4	-117	-217	-224	-98	51	135	133	113	90	79
74	85	102	115	69	-33	-107	-84	-7	48	46	27	16	-13	-34	-51	-56	-46	-56	-90
-137	-164	-134	-66	-8	19	45	77	86	54	5	-17	9	34	32	61	144	211	142	-55
-225	-267	-231	-181	-117	-17	55	36	-31	-70	-31	21	40	-4	-57	-37	35	98	108	83
57	45	54	69	63	31	-4	-35	-59	-54	-32	-61	-128	-187	-206	-151	-14	125	217	271
268	216	99	-38	-104	-73	-19	16	30	30	59	100	98	74	52	37	56	77	41	-2
-16	-16	-46	-92	-112	-99	-80	-98	-136	-162	-153	-118	-86	-59	-49	-46	-42	-23	13	58
93	111	102	69	22	-10	-11	25	65	59	2	-36	-43	-39	-49	-86	-105	-97	-70	-24
-10	17	22	11	-5	-22	-44	-22	53	140	209	230	191	107	3	-107	-194	-255	-270	-230
-168	-102	-38	17	42	26	-3	-11	8	61	122	161	157	115	58	16	-3	-4	18	39
54	49	38	33	11	-47	-97	-141	-174	-192	-191	-180	-151	-113	-63	-5	46	83	101	97
86	86	83	70	50	34	35	47	82	118	132	141	146	124	61	-15	-68	-68	-44	13
75	101	71	25	-20	-54	-75	-75	-40	7	35	35	22	9	3	-21	-72	-89	-49	20
87	146	179	182	175	145	100	71	51	11	-38	-76	-91	-90	-79	-74	-82	-80	-49	-7
11	-6	-36	-49	-61	-71	-67	-48	-30	-31	-33	1	77	161	218	233	205	164	142	130

101	44	-8	-46	-54	-30	-14	-16	-29	-39	-46	-47	-49	-51	-51	-56	-74	-87	-70	-30
3	12	5	2	-2	-14	196	151	-106	-105	-105	-105	-106	-106	-107	-106	-92	-63	-35	-13
7	30	55	99	168	206	39	14	18	53	27	13	8	8	7	-2	-22	-45	-73	-99
-95	-51	12	64	79	63	39	14	-18	-61	-106	-135	-147	-149	-144	-120	-79	-44	-28	-32
-55	-86	-102	-104	-99	-88	-68	-34	23	83	130	170	198	206	195	155	121	94	75	60
47	32	23	10	-12	-37	-59	-73	-77	-71	-68	-72	-78	-67	-33	-3	17	25	22	8
-11	-23	-28	-32	-39	-47	-56	-56	-39	-15	-10	-32	-45	-24	10	31	36	28	20	13
8	5	2	-1	10	36	55	50	31	21	23	28	18	-16	-66	-85	-78	-59	-43	-32
-26	-12	-7	-22	-37	-43	-39	-20	2	34	60	62	49	49	59	68	61	39	21	-1
-26	-36	-38	-38	-36	-30	-26	-25	-37	-53	-51	-42	-37	-43	-32	1	35	52	50	39
19	-3	-7	17	38	61	79	85	81	74	73	86	104	103	68	18	-31	-68	-87	-73
-41	-4	31	51	56	58	59	51	32	6	-30	-55	-67	-70	-65	-46	-19	5	11	10
14	12	-1	-15	-15	-7	6	7	-3	-17	-28	-39	-42	-19	1	16	19	8	-5	-8
-3	10	28	41	53	68	89	109	122	116	100	77	46	17	-22	-70	-103	-102	-73	-45
-32	-26	-22	-15	-14	-13	0	7	2	-12	-18	-13	-42	-1	5	40	56	69	73	59
37	17	4	3	9	10	10	6	6	2	-14	-33	-42	-47	-51	-51	-41	-21	0	18
32	39	38	26	11	2	-6	-7	-6	2	17	35	52	58	46	30	25	22	17	6
-5	-11	-12	-10	-12	-24	-40	-47	-49	-43	-30	-14	3	16	26	34	40	40	29	3
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-17	-11	-8	-12	-19	-22	-23	-24	-30	-49	-68	-73	-63	-39	-17	0	8	1	-13	-25
-29	-18	1	12	5	-23	-49	-64	-69	-70	-68	-63	-48	-29	-15	-1	15	23	23	22
19	12	9	23	42	57	71	81	88	85	67	48	38	34	32	29	23	16	8	-1
-9	-14	-17	-25	-34	-39	-44	-44	-36	-24	-7	11	19	22	23	14	7	3	3	4
4	1	-8	-23	-35	-41	-40	-34	-31	-31	-24	-12	-7	-5	0	10	21	28	28	26
23	22	18	12	12	16	18	14	6	-7	-16	-15	-12	-10	-8	-8	-2	13	30	43
60	71	73	62	42	24	12	5	2	3	11	22	32	35	37	41	44	45	44	43
37	29	19	10	7	9	12	15	15	13	11	11	8	3	-6	-18	-30	-37	-37	-39
-40	-33	-17	-5	2	7	13	19	19	18	16	8	0	-8	-13	-17	-17	-19	-22	-24
-24	-24	-23	-20	-12	-1	10	23	31	31	23	12	1	-13	-30	-36	-23	-10	-8	-10
-15	-24	-31	-36	-38	-40	-42	-47	-54	-60	-63	-60	-52	-33	-10	4	18	30	45	60
64	59	53	45	36	27	20	14	11	12	15	18	18	16	9	-3	-16	-25	-26	-20
-14	-11	-7	0	8	11	4	-5	-12	-15	-13	-12	-10	2	16	19	21	22	21	20
19	16	16	16	14	-1	-26	-46	-54	-59	-61	-64	-68	-69	-70	-71	-74	-75	-71	-57
-35	-10	19	44	60	64	58	51	51	55	57	60	60	61	65	65	60	54	53	54
50	40	32	27	19	10	3	-6	-18	-27	-30	-27	-17	2	21	25	23	16	8	-5
-8	-15	-25	-27	-32	-41	-51	-62	-70	-71	-59	-41	-27	-18	-18	-20	-25	-30	-31	-24
-12	-2	8	17	19	21	28	-62	-30	-29	29	32	36	40	39	39	35	27	16	7
1	1	1	4	10	8	-1	-14	-28	-38	-41	-35	-27	-21	-19	-20	-20	-19	-20	-25
-25	-17	-3	4	8	10	9	6	3	2	1	1	2	3	2	1	0	-3	-10	-16
-22	-26	-26	-23	-13	-2	4	5	6	9	12	12	9	3	4	10	10	14	20	25
28	29	26	18	13	16	18	19	22	24	23	19	11	4	-1	-4	-6	-9	-11	-4
4	2	-2	3	2	4	12	18	25	31	35	40	48	56	52	36	29	26	20	10
-4	-16	-18	-27	-38	-45	-49	-52	-50	-48	-45	-45	-43	-37	-28	-21	-15	-14	-23	-31
-35	-35	-30	-27	-24	-24	-22	-24	-28	-28	-27	-27	-25	-22	-18	-9	0	14	14	10
12	12	8	9	17	30	37	37	37	36	28	16	8	5	3	2	0	1	6	13
15	13	0	-12	-21	-26	-25	-15	-6	-4	-9	-15	-21	-27	-24	-10	2	15	24	24
21	21	24	25	29	35	37	38	37	33	24	19	13	8	3	-1	-35	-8	-13	-12
-8	-5	-8	-5	-8	-13	-18	-22	-26	-31	-37	-40	-40	-42	-45	-37	-45	-37	-33	-30
-30	-28	-26	-22	-17	-11	-5	-2	-2	-1	1	6	13	19	25	29	32	30	29	30
28	23	23	29	31	28	27	25	21	19	16	14	13	11	2	-5	-8	-6	0	3

110206 71.158.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 274 HALL OF RECORDS, SAN BERNARDINO, CAL.
 INSTR PERIOD = 0.0480 SEC DAMPING = 0.557 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP N90E 34 06 20N, 117 17 04W

PEAK VALS ACCLN = -43.9 CM/SEC/SEC AT 8.72 SEC VELO = 2.9 CM/SEC AT 10.52 SEC DISP = -1.1 CM AT 31.90 SEC
 INITIAL VELO = -0.04995 CM/SEC INITIAL DISP = 0.01459 CM
 2642 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

8	-19	-36	-42	-25	-4	4	-5	2	7	-7	-24	-45	-55	-33	-2	7	13	25	35
45	50	26	-21	-36	-6	-6	5	11	10	-4	-23	-24	-10	3	16	28	52	73	68
36	8	16	33	26	-12	-49	-48	-12	4	4	-17	-41	-51	-43	-19	19	33	35	33
30	33	29	3	-9	3	13	13	15	16	10	9	12	4	6	10	15	27	15	-23
-46	-30	-3	13	9	0	-14	-9	26	46	47	45	31	-2	-32	-33	-11	-2	-10	-13
-12	-28	-53	-64	-44	-7	20	32	19	4	8	11	11	5	-10	-23	-30	-37	-43	-44
-39	-29	48	53	53	36	10	-21	-25	-3	14	19	19	12	-3	-24	-33	-18	1	5
-7	-15	-18	-25	-20	-5	6	19	27	16	7	22	37	28	9	-11	-23	-17	-6	8
20	14	3	2	10	21	7	-4	0	-17	-50	-47	-21	-2	19	35	23	-1	-11	-13
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22	26	30	31	31	31	32	32	32	33	33	31	30	30	28	25	18	12	10	12

II0206 71.158.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 274 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP DOWN 34 06 20N, 117 17 04W
 INSTR PERIOD = 0.0460 SEC DAMPING = 0.629 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 ANC 25 CYC/SEC.

PEAK VALS ACCLN = -18.5 CM/SEC/SEC AT 8.90 SEC VELO = 1.5 CM/SEC AT 31.80 SEC DISP = 0.8 CM AT 11.78 SEC

INITIAL VELO = -0.09248 CM/SEC INITIAL DISP = 0.03319 CM

2653 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-59	-32	0	5	18	8	-14	-34	-33	-27	-13	11	27	11	-12	72	-7	26	73	84	33
-39	-82	-64	-19	12	9	-6	-3	-5	-32	-33	16	71	102	72	-8	-8	-58	-50	-12	12
9	-20	-40	-29	-14	-17	4	17	-6	0	35	25	14	29	6	-15	21	47	31	33	33
19	-44	-74	-40	3	34	37	22	-8	-21	-19	-2	17	15	-2	-10	-23	-34	-9	26	26
30	27	29	31	49	71	42	-15	-53	-41	-2	31	17	-24	-46	-26	12	35	18	-24	-24
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-10	-15	-49	-79	-75	-51	-46	-57	-47	-11	29	65	83	60	28	18	27	37	46	41	41
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77	53	-15	-113	-184	-185	-148	-67	7	30	-4	-67	-97	-101	-74	-15	28	50	62	74	74
64	42	29	20	-8	-32	-20	36	80	91	78	57	33	-14	-39	-12	7	-16	-50	-54	-54
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110207 71.175.0
 STATION NO. 121
 INSTR PERIOD = 0.0760 SEC DAMPING = 0.622
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 RESERVOIR, FAIRMONT RESERVOIR, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP N56E 34 42 18N, 118 25 37W

PEAK VALS		ACLN = -64.7 CM/SEC/SEC AT 1.26 SEC		VELO = 3.8 CM/SEC AT 1.76 SEC		DISP = -1.2 CM AT 0.86 SEC													
3057 INSTRUMENT AND BASELINE CORRECTED DATA		INITIAL VELO = -0.46872 CM/SEC		INITIAL DISP = 0.18476 CM		AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.													
36	48	-26	-118	79	110	-202	-347	-244	-141	-61	-22	27	51	-101	-113	-58	-11	109	95
9	70	158	79	-16	-16	-6	-59	-191	-247	-203	-22	216	314	229	151	163	57	7	6
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-77	-395	-605	-647	-576	-526	-358	-138	115	313	325	319	305	-9	-373	-512	-412	-243	-91	108
380	419	352	381	485	586	560	339	-126	-514	-594	-441	-236	-19	126	72	1	164	327	356
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52	-222	-279	-162	-11	74	65	34	-51	-102	-93	-87	-81	-25	46	64	23	5	-18	-15
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I10207 71.175.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 121 RESERVOIR, FAIRMONT RESERVOIR, CAL. COMP N34W 34 42 18N, 118 25 37W
INSTR PERIOD = 0.0760 SEC DAMPING = 0.622 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS		ACLN = -97.1 CM/SEC/SEC AT 1.26 SEC		VELO = 8.4 CM/SEC AT 1.18 SEC		DISP = 1.7 CM AT 1.34 SEC													
		INITIAL VELO = 0.24238 CM/SEC		INITIAL DISP = -0.54851 CM															
3085 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
238	211	301	290	-12	-362	-493	-295	-4	-48	-139	-18	41	37	-54	-77	-130	-70	109	95
82	242	355	338	154	-175	-403	-489	-416	-76	60	94	113	245	386	204	-138	-272	-319	-388
-205	97	319	678	934	925	599	327	219	51	-126	-279	-304	2	320	411	412	354	209	37
-102	-473	-812	-971	-813	-495	-320	-302	-160	16	9	-49	-28	-187	-468	-540	-514	-427	-181	-91
-112	-11	215	457	580	528	143	-100	-27	16	-14	-11	71	223	440	576	486	254	-106	-255
-206	-111	-157	-359	-474	-419	-310	43	238	140	95	81	-24	-37	172	331	328	262	123	-29
-110	-128	-171	-103	176	367	410	405	273	-31	-201	-105	20	19	-91	-199	-243	-182	-47	22
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-138	-235	-168	-70	45	146	146	123	97	54	-2	-78	-99	-81	-60	-16	69	167	135	77
52	15	-10	58	68	-41	-87	46	116	70	49	2	-59	-101	-190	-160	-7	42	-25	-126
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69	108	82	73	61	39	-4	-66	-97	-158	-174	-110	-7	28	-5	-39	-16	48	86	86
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35	30	17	2	-3	8	15	15	14	15	14	0	-23	-38	-37	-32	-21	-13	-9	-7
-5	0	8	9	5	1	3	6	5	1	-6	-15	-14	-6	-1	1	0	-1	-4	-4
-1	-3	-8	-4	3	5	0	-2	3	4	0	-4	-8	-10	-5	9	14	12	4	-1
0	2	4	2	-5	-9	-2	6	5	0	-4	-8	-17	-25	-15	6	20	16	3	-6
-2	9	11	9	7	9	6	-2	-6	-5	-4	-5	-7	-10	-8	3	15	18	11	7
9	8	5	1	1	11	22	16	3	-16	-24	-12	2	5	3	1	-1	-5	-6	-5
-4	-1	4	8	9	9	9	8	4	-2	-8	-2	3	0	-5	-5	-4	-2	5	1
-10	-16	-11	4	6	2	11	14	6	-1	-4	-15	-17	-9	-2	8	15	14	11	5
-4	-18	-24	-17	-1	2	-11	-22	-19	-9	-3	-2	-7	-7	0	8	11	5	1	6
10	4	-5	-8	-13	-13	-4	4	5	-6	-4	4	0	1	7	8	14	17	7	1
5	9	16	20	14	6	6	4	0	-4	-7	-14	-21	-19	-4	2	-1	-4	1	7
10	12	6	-3	-6	-7	-8	-7	-11	-22	-28	-17	-4	-3	-6	0	6	4	-1	7
-18	-15	-12	3	8	-1	-12	-13	-3	1	5	14	15	17	21	23	21	12	-8	-24
-6	-5	-7	6	24	29	26	18	6	0	-4	-5	-7	-1	12	20	19	11	4	4
0	-6	-10	-3	4	7	3	-7	-12	-5	5	11	8	1	-4	-8	-9	-11	-11	-8
0	5	-7	-27	-31	-23	-17	-12	-4	1	0	-2	-4	-3	2	7	5	1	-9	-17
-11	-2	3	1	4	8	6	-4	-16	-24	-23	-18	-16	-15	-12	-11	-14	-9	-2	1
4	6	5	3	-7	-15	-13	-10	-10	-14	-13	-6	-7	-12	-17	-20	-22	-20	-12	-6
-5	-9	-10	-6	0	3	3	5	10	11	5	-3	-7	-4	0	1	-1	-2	-6	-9
-5	-4	-7	-5	-2	-1	3	8	12	11	6	1	-2	-7	-10	-12	-11	-3	7	13
7	-2	-4	-3	-9	-2	2	2	2	4	4	4	7	5	-2	-7	-7	-3	2	6
8	8	10	9	-3	8	7	5	1	-2	-9	-16	-13	0	-2	-12	-4	-3	-1	3
5	6	8	8	3	4	8	10	8	4	4	4	20	19	14	14	20	23	18	12

II0207 71.175.0

STATION NO. 121

INSTR PERIOD = 0.0760 SEC DAMPING = 0.607

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

RESERVOIR, FAIRMONT RESERVOIR, CAL.

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W

COMP UP 34 42 18N, 118 25 37W

DISP = -1.7 CM AT 15.38 SEC

PEAK VALS ACCLN = -32.9 CM/SEC/SEC AT 0.90 SEC VELO = 3.4 CM/SEC AT 0.82 SEC INITIAL DISP = 0.2231 CM

3085 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

3085	INSTRUMENT AND BASELINE CORRECTED DATA	IN	MM/SEC/SEC	AT EQUALLY-SPACED INTERVALS OF	0.02	SEC.													
58	-106	-51	-65	-80	52	147	201	29	94	27	-6	59	154	183	127	-70	-64	37	140
120	40	-61	-85	-205	-37	101	180	206	111	141	84	38	53	141	162	31	41	-4	27
34	-22	-127	-208	-255	-329	-315	-298	-196	-158	-164	-64	-75	-188	-142	-262	-286	-128	-30	-5
16	13	-51	-9	27	11	-62	26	114	72	-44	38	144	22	-54	-22	76	49	109	-7
51	168	106	74	-15	83	56	64	158	4	-109	-114	-107	-41	-56	27	-83	18	64	38
185	175	17	75	99	81	175	117	192	257	219	208	105	0	-47	-127	-137	-84	-165	-104
83	105	120	6	-141	-109	-2	-15	-68	-90	-107	-145	-121	-71	-37	-44	-124	-15	17	19
50	-14	-100	-162	-215	-98	-76	-39	72	106	94	138	72	-4	-26	-7	48	63	-6	-12
104	66	95	30	-55	68	-30	-134	-78	-84	54	40	-61	-36	50	94	19	72	64	-20
-40	-38	-50	-32	-32	29	54	67	31	11	36	18	-17	56	59	-21	60	36	76	74
-15	3	39	35	8	-36	-112	-111	36	-1	-66	-56	-54	-91	-75	-125	-112	-59	-119	-60
-41	2	-5	46	76	27	41	14	-14	-69	-65	-41	14	-3	-52	-50	-27	33	37	5
3	-41	22	75	49	-1	2	80	116	119	111	32	72	63	13	78	98	53	82	118
116	122	88	86	82	96	63	68	20	6	73	35	18	-78	-23	32	-104	-11	12	-36
17	-64	-27	-117	-202	-134	-152	-108	-37	-59	-47	-39	-89	-29	30	-8	13	-22	-108	-49
-19	-30	-10	-8	-27	3	20	14	46	22	44	52	75	76	49	13	66	86	74	-2
29	-2	12	38	16	93	103	-10	2	44	59	16	-13	-10	-10	-34	-62	-17	-8	7
21	24	39	10	-1	39	-26	-96	-107	-128	-101	-43	-26	-2	25	-26	-19	-54	-30	25
3	66	21	0	20	0	-60	-87	-103	-80	-23	-27	-25	7	39	-12	-47	-41	-22	-13
-22	35	28	70	-25	-130	-66	-28	-32	-38	27	15	-3	8	12	11	35	43	-9	6
32	20	36	-5	-36	28	53	97	71	7	-41	-82	8	24	-49	-32	-42	-22	-31	27
75	41	64	42	61	61	8	-26	-35	-17	-29	-12	-24	12	70	57	56	64	39	-19
20	52	40	55	-1	23	85	22	-13	-49	-26	-42	-56	-50	-17	-71	-18	-96	-68	18
-6	62	55	36	-27	-66	-30	-15	0	27	-16	-47	-43	14	-40	-19	5	-19	7	-47
-47	-63	-26	10	-24	8	-37	-43	-16	17	40	66	79	9	25	34	26	49	4	8
36	-3	5	20	8	2	-8	-23	-62	-88	-70	-33	-9	17	29	17	12	55	61	-4
-57	-10	63	66	62	21	-77	-78	-153	-89	3	-56	-35	-41	-36	-8	7	-8	13	5
9	38	75	90	45	78	76	52	15	-25	-34	4	67	47	65	29	-5	-28	-73	-37
6	54	32	-2	4	-7	-6	-41	-20	52	18	5	47	37	56	18	4	7	-41	-29
-31	-40	-49	-43	34	39	-5	-20	-49	-18	2	-13	0	-29	3	7	26	19	39	50
49	27	30	5	-48	-76	-64	-39	-75	-98	-58	16	33	25	41	11	-2	15	24	40
9	10	33	10	16	44	38	64	14	-35	-48	-55	-65	-35	-25	-10	43	59	54	45
30	20	8	-12	-22	-85	-85	-51	-64	-45	-44	-68	-28	-36	-58	16	25	48	-7	8
4	-5	41	-10	-28	-34	-51	-49	-48	-37	-39	-51	-52	-67	-5	45	23	16	28	-3
35	29	22	40	18	3	-5	-3	2	-23	3	14	-11	22	-1	-7	25	-17	-4	-9
-8	-18	-18	-27	1	15	-15	-1	-39	-64	-28	-24	2	-13	-73	-53	-69	-34	39	-24
-2	-6	-15	30	-29	-4	-8	-20	14	-24	3	-9	-40	40	72	70	69	30	33	24
-2	-23	-27	-19	-7	13	47	37	11	-3	-9	17	30	27	31	16	-4	2	27	47
54	60	20	17	16	-8	32	68	82	88	68	17	6	38	46	40	31	23	33	17
8	15	16	18	42	45	44	24	3	14	19	28	33	35	37	33	22	29	41	38

35	12	5	8	16	34	29	24	12	-6	-10	-2	-7	-29	-16	-10	-5	-6	-9	6
-9	-31	-40	-42	-29	-11	-28	-22	-27	-32	-37	-54	-28	-21	-36	-25	-21	-13	-17	-15
7	14	-4	-24	-15	-12	-26	-18	17	-8	-15	-45	-40	-18	-24	-15	-18	-18	-49	-56
-68	-68	-4	-1	-8	-11	-16	-26	-24	-11	28	25	11	1	-5	-2	-1	1	13	2
-5	9	6	5	6	-12	-14	-9	-2	1	-3	-26	-14	13	-1	2	0	-21	-25	-23
-16	-1	-2	1	1	4	2	-2	12	26	36	31	25	28	30	9	14	-7	-8	-1
-35	-24	-11	-13	8	12	13	24	5	-1	13	29	44	54	63	63	53	36	20	20
15	27	37	42	45	25	9	8	4	-1	-23	-46	-30	-24	-23	-10	-18	-21	-43	-60
-35	-42	-39	-7	-16	-17	-29	-57	-63	-61	-42	-31	-33	-25	-47	-33	-5	-6	-10	-31
-30	-7	-8	-11	-12	-5	3	4	20	24	18	20	16	13	31	25	23	20	2	-5
-5	15	31	26	23	16	18	21	-4	-2	15	17	14	13	15	-1	-8	-8	-12	-3
-16	-27	-22	-5	1	4	9	13	24	31	-4	4	9	-5	1	-6	-1	10	4	0
6	-1	-1	6	-13	-19	-4	18	31	26	16	4	3	8	-5	-17	-15	-1	-11	4
14	-1	-1	-9	-7	-8	2	2	2	17	2	-4	-8	3	17	0	-10	-6	-5	1
0	-18	-12	-8	-4	-5	-16	-11	-5	1	1	-8	-13	-15	-12	-1	2	-4	-3	-8
-11	-6	-4	6	23	26	22	12	3	9	10	1	-14	-17	-13	1	17	7	11	3
-9	1	1	14	23	14	14	9	3	3	4	1	-5	-13	-17	22	21	12	-10	-18
-8	-4	1	-20	-25	-15	-3	2	-10	-24	-33	-28	-12	-3	3	2	2	-1	2	2
3	2	-1	-3	-3	3	5	18	27	22	23	13	2	-5	1	10	9	-3	-10	-20
-17	-14	-10	5	3	-3	-7	-2	5	6	2	-5	-9	-11	-7	-8	-15	-2	-7	0
2	-1	-4	-10	-16	-27	-22	-14	-10	-14	-21	-23	-22	-17	-9	-2	-4	-3	-6	-12
-12	-18	-28	-20	-4	2	2	12	15	25	24	27	23	30	26	24	23	17	20	28
21	18	16	15	15	16	14	7	6	-2	-8	1	11	11	8	15	25	19	16	15
17	16	9	3	1	4	7	8	7	4	-4	-8	0	-3	0	9	8	14	31	31
18	13	1	2	11	14	18	10	3	6	1	-6	-5	-3	-16	4	5	1	-13	-17
-8	-3	0	-5	-13	-11	-6	-5	3	0	-11	-13	-15	-16	-16	-14	-16	-17	-14	-9
-4	-1	-7	-13	-9	-6	-4	-6	-15	-13	-7	-5	3	4	-1	-8	-9	-9	-7	-6
3	0	5	14	4	2	-7	-11	-11	-13	5	1	0	0	6	10	11	11	9	7
12	18	11	6	7	7	2	-1	8	14	11	7	2	2	2	-2	0	-2	0	-1
-1	9	11	8	3	-3	-3	1	2	1	0	2	4	3	-1	-5	-9	-11	-6	-4
-5	-6	-5	-6	-4	0	4	3	3	-1	-10	-13	-10	-10	-13	-18	-20	-22	-23	-21
-20	-21	-23	-20	-14	-4	4	6	5	2	-3	5	9	1	9	10	13	16	8	10
9	2	-1	3	5	-4	-5	-5	-4	0	-6	4	5	4	1	-2	-1	1	1	4
5	6	5	4	4	1	0	2	2	3	4	6	6	4	0	3	4	3	3	3
3	3	5	5	2	2	2	-2	-5	-2	1	-5	-1	-2	5	10	1	-1	-2	-1
0	0	0	2	-1	-5	-4	1	4	5	4	3	-1	0	0	2	2	-4	-10	-14
-14	-9	-2	2	-5	-7	-10	-11	-14	-13	-9	-4	4	1	-1	-3	1	8	-8	6
-1	-8	-8	-9	-16	-19	-19	-14	-8	-11	-10	-6	-2	1	-2	-5	-9	-10	-8	-6
-7	-5	-9	-9	-7	-5	-2	-1	-1	3	-4	4	3	4	5	7	7	3	0	-4
-5	-8	-11	-10	-9	-8	-8	-10	-5	-6	-10	-13	-12	-7	-3	-2	-1	-1	-2	-6
-8	-8	-6	-6	-5	-8	-3	0	4	9	1	2	2	7	18	19	17	14	8	8
10	10	6	6	8	6	7	2	10	12	15	12	7	0	3	12	16	17	15	13
1	1	4	-2	-6	-3	-2	-2	0	-2	-3	-6	-7	-7	-6	-4	-2	1	7	4
-3	-6	-10	-6	-6	2	4	2	-2	1	2	1	-1	-2	2	-4	-9	-10	-7	-4
1	0	-2	-1	0	5	2	1	2	4	-4	4	3	1	1	1	-2	-2	-3	0
5	1	1	1	3	3	-1	0	6	-2	9	12	-3	-2	-5	-9	-5	-2	-2	1
12	6	4	4	1	0	1	2	6	6	4	1	14	8	-4	7	9	8	4	9
-9	13	-8	-12	-11	-8	0	4	-1	6	7	9	7	-3	-4	-4	-5	-7	-8	-8
9	9	6	-1	-3	-8	-9	-9	-5	-2	-2	0	1	1	0	4	3	0	1	-7

IIO208 71.176.0
 STATION NO. 282
 INSTR PERIOD = 0.0450 SEC DAMPING = 0.584
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 UNIVERSITY OF CALIFORNIA, SANTA BARBARA, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -16.5 CM/SEC/SEC AT 3.90 SEC VELO = 2.7 CM/SEC AT 7.06 SEC DISP = 1.7 CM AT 50.28 SEC

3096 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 0.65533 CM/SEC INITIAL DISP = 0.05412 CM

142	108	64	16	-32	-63	-77	-78	-70	-54	-36	-27	-19	-12	-13	-19	-23	-23	-20	-17
-19	-24	-24	-20	-19	-26	-36	-43	-49	-48	-38	-21	-5	5	10	18	27	31	26	8
-17	-38	-43	-27	2	23	38	52	59	66	66	62	45	27	-2	-30	-57	-63	-37	-38
-8	26	51	66	59	28	-11	-40	-60	-75	-78	-59	-9	39	75	89	80	60	36	15
-4	-25	-35	-33	-31	-20	10	17	17	17	18	18	16	7	-10	-27	-38	-38	-31	-11
11	23	29	21	11	2	-5	-6	-8	-12	-20	-24	-24	-21	-17	-15	-17	-14	-9	-3
5	17	35	53	65	74	76	68	44	3	-38	-66	-75	-74	-63	-49	-32	-21	-18	-15
-4	9	13	9	0	-4	2	12	20	18	10	14	32	59	69	59	42	15	-3	-10
-11	3	45	82	99	98	86	67	49	43	44	40	30	5	-37	-59	-61	-51	-37	-21
-7	6	12	9	8	8	5	-5	-22	-42	-65	-92	-114	-135	-152	-165	-164	-138	-96	-50
-2	32	52	61	60	58	52	43	32	26	24	21	25	34	40	51	59	40	22	1
-3	3	7	7	-1	-8	-7	-6	-6	2	18	39	68	77	65	41	16	-4	-24	-39
-41	-36	-23	-5	13	29	43	59	67	55	25	-13	-60	-98	-119	-130	-125	-112	-101	-94
-85	-69	-37	4	46	86	118	134	136	116	96	74	48	30	18	0	-5	-2	4	-6
-24	-51	-90	-113	-123	-115	-109	-103	-100	-101	-107	-115	-118	-116	-91	-54	-25	10	44	69
83	85	79	76	69	71	69	65	57	40	32	26	16	10	-6	-30	-50	-70	-85	-91
-92	-84	-66	-35	0	18	26	38	43	48	60	71	76	84	95	103	108	109	108	99
94	92	97	110	118	121	117	107	95	80	54	30	15	-2	-17	-38	-69	-93	-98	-89
-82	-73	-72	-78	-89	-101	-107	-99	-76	-54	-55	-59	-64	-75	-76	-60	-26	17	58	91
103	101	88	65	39	20	18	21	26	24	18	4	-15	-30	-40	-47	-49	-47	-43	-31
-13	11	34	46	52	49	36	25	4	-20	-46	-69	-81	-80	-72	-49	-26	-10	-12	-30
-58	-84	-111	-127	-133	-130	-111	-85	-47	-10	20	46	56	58	61	57	53	51	41	21
6	-2	-4	-1	2	5	12	15	9	5	3	-2	-3	-4	-5	0	1	-9	-24	-32
-43	-40	-26	-13	-7	-6	-9	-11	-13	-8	10	36	64	80	89	93	89	80	70	58
59	69	86	115	131	133	122	93	55	14	-27	-53	-63	-63	-56	-35	-15	-4	0	5
4	9	28	38	36	24	9	-11	-20	-24	-16	1	17	21	18	14	4	-9	-25	-39
-51	-67	-77	-78	-74	-63	-47	-26	-14	-10	-8	-19	-41	-49	-51	-52	-48	-42	-38	-37
-33	-17	-1	5	13	13	16	15	21	48	71	85	103	108	111	114	103	76	53	25
13	15	32	40	45	49	33	10	-15	-17	1	15	21	43	76	91	90	67	27	-20
-68	-11	-132	-141	-131	-118	-101	-82	-62	-33	-2	6	17	24	21	16	12	3	-9	-15
-17	-19	-12	-11	-18	-25	-25	-31	-30	-29	-28	-28	-28	-27	-27	-27	-26	-26	-26	-33
-47	-61	-68	-65	-47	-18	7	28	43	52	50	51	51	51	42	18	-9	-41	-63	-67
-62	-50	-39	-28	-14	-8	-1	8	14	28	47	53	59	55	47	38	26	15	5	2
7	12	12	12	8	-4	-20	-35	-45	-50	-60	-70	-69	-69	-57	-27	4	23	43	59
68	64	42	9	-9	-39	-63	-70	-72	-65	-55	-46	-27	-13	-4	8	18	21	21	23
29	38	52	75	93	106	118	121	113	97	71	43	15	-8	-20	-28	-34	-35	-34	-31
-28	-23	-21	-19	-15	-12	2	17	21	32	44	59	72	74	74	74	66	53	38	14
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[illegible]

II0208 71.176.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 282 UNIVERSITY OF CALIFORNIA, SANTA BARBARA, CAL.
 INSTR PERIOD = 0.0460 SEC DAMPING = 0.636 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UP 34 24 45N, 119 51 00W

PEAK VALS ACCLN = 11.0 CM/SEC/SEC AT 6.82 SEC VELO = 1.7 CM/SEC AT 43.84 SEC DISP = 1.5 CM AT 45.14 SEC

3095 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.23772 CM/SEC		INITIAL DISP = 0.08569 CM		DISP = 1.5 CM AT 45.14 SEC													
INITIAL VELO = 0.23772 CM/SEC		INITIAL DISP = 0.08569 CM		DISP = 1.5 CM AT 45.14 SEC													
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13	12	6	12	19	20	21	12	9	8	2	-1	-6	-19	-19	-11	-15	-16	-18
-22	-21	-21	-27	-21	-16	-11	-19	-21	-18	-13	-11	-17	-20	-11	-7	-14	-7	3
-2	-9	-2	0	7	-1	-1	0	1	1	2	3	1	-3	-2	-1	-4	-2	-5
-8	-9	-21	-25	-30	-39	-30	-22	-31	-31	-42	-26	-20	-21	-19	-23	-14	-12	-27
-30	-27	-12	-5	-10	-9	-5	-3	-4	-6	2	0	1	7	-8	-3	5	-14	-21
-17	-12	-11	-15	-19	-25	-25	-21	-23	-30	-30	-35	-46	-41	-20	-18	-33	-24	-28
-13	-4	-5	-9	-11	-18	-15	-6	3	14	10	6	5	-8	-5	-4	-4	-2	-7
6	2	-2	8	12	12	2	2	4	13	13	11	14	13	19	19	19	16	8
13	7	6	14	-4	-7	-10	2	2	-13	9	-7	-10	5	6	0	-8	-17	-8
-8	-9	1	8	8	5	-5	-13	7	11	17	24	22	19	22	25	30	32	23
24	24	31	32	25	31	11	14	37	25	26	15	14	19	15	17	19	28	24
26	28	19	15	8	-1	12	27	16	7	11	9	-3	-6	4	16	12	3	7
10	5	0	-5	5	-1	-3	0	10	13	14	16	20	13	0	-2	9	10	7
2	2	-10	-20	1	-8	-23	-8	-4	10	-5	-23	-6	-7	-3	-14	-23	-17	-11
-10	-12	-1	11	-7	4	10	-8	2	1	16	8	0	15	15	-19	-11	14	36
11	1	-5	6	13	-9	-8	-1	-6	26	22	-9	-2	26	-17	-23	0	-8	15
4	-9	26	27	0	-12	-9	-3	-8	0	14	16	-7	-30	-17	-23	-29	-30	-31
-19	-22	-35	-44	-35	-31	-38	-39	-18	-20	-15	-13	-7	1	-9	-16	-15	-7	19
23	13	11	-8	-7	4	5	0	14	-1	21	17	14	25	44	39	17	15	2
-14	2	16	19	20	4	-4	-4	-2	2	-8	-16	-9	-19	-10	-6	-8	-31	-27
-31	-21	-15	-18	-13	-12	-10	-18	-20	-24	-22	-14	0	9	0	-12	-9	-3	-5
-14	-14	-11	-22	-4	4	0	-6	1	29	21	4	-9	-13	-11	-9	-15	-12	3
-5	-13	-12	-9	-11	-12	-22	-12	-8	7	-9	-9	-13	0	4	-8	-17	0	13
12	1	-1	-10	-13	-28	-19	-17	-31	-30	-27	-25	-25	-19	-10	-7	-11	-16	-6
11	2	-13	-3	16	32	24	39	41	47	37	30	27	24	29	31	28	26	25
23	18	13	14	14	13	12	13	12	13	12	8	7	9	6	9	6	6	7
9	7	6	6	4	11	10	10	11	11	11	9	3	3	4	5	8	4	3
4	5	4	4	4	1	-4	1	1	-4	-3	-4	-3	-2	-2	-2	-2	-1	-1
-1	-1	-2	-4	-5	-10	-7	-8	-7	-2	1	-1	2	1	1	1	1	1	0
-2	-5	-4	-6	-8	-7	-8	-8	-8	-8	-8	-9	-11	-13	-11	-8	-15	-18	-17
-18	-19	-17	-16	-17	-16	-15	-15	-13	-8	-6	-4	0	2	4	4	5	8	11

11	12	12	11	10	13	15	14	11	7	7	7	6	4	3	1	-3	-4	-4	-4
-4	-5	-11	-15	-17	-18	-14	-15	-15	-12	-11	-9	-9	-11	-10	-6	-6	-12	-16	-13
-13	-7	-2	-4	-3	-5	-7	-3	-3	2	5	7	6	6	6	6	7	14	12	11
14	15	15	20	25	21	27	32	36	31	25	29	32	30	32	33	31	25	20	19
19	19	18	13	14	13	10	4	-1	-6	-6	-3	-4	-3	-3	-4	-5	-3	-3	-7
-11	-9	-5	-3	-5	-7	-7	-7	-7	-7	-7	-6	-4	-4	-4	-4	-5	-5	-4	-4
-4	-4	-4	-3	-3	-3	-3	-3	-3	-2	-1	-1	0	0	-2	-1	2	2	3	2
-1	-1	0	0	0	-2	-4	-4	-7	-4	-4	-8	-8	-15	-20	-15	-9	-7	-8	-10
-12	-11	-11	-11	-11	-11	-17	-17	-12	-6	-5	-9	-15	-13	-13	-11	-9	-10	-10	-10
-10	-9	-9	-9	-10	-10	-10	-10	-10	-7	-7	-9	-11	-11	-11	-10	-7	-7	-7	-7
-7	-7	-7	-6	-5	2	7	6	10	10	11	13	14	12	9	12	12	12	14	15
12	11	11	10	10	8	6	6	4	0	-1	2	2	3	2	3	2	3	3	3
3	4	5	5	5	2	2	3	3	3	3	4	4	3	0	2	7	8	8	7
7	6	6	2	4	6	4	2	1	1	1	1	3	5	7	9	9	9	9	9
8	4	0	1	3	5	1	-3	-3	-2	0	4	5	5	5	9	9	9	9	9

110210 71.234.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 123 HOSE STORAGE ROOM, HEMET FIRE STATION, HEMET, CAL. COMP S45E 33 43 47N, 116 58 45W
 INSTR PERIOD = 0.0450 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 34.9 CM/SEC/SEC AT 7.08 SEC VELO = 2.9 CM/SEC AT 12.22 SEC DISP = 1.7 CM AT 14.12 SEC

2677 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-19	-46	-23	6	29	26	12	12	12	27	43	33	-1	-32	-32	-6	14	7	-1	11	16
-5	-21	-7	-4	-7	-18	-31	-17	5	1	1	-17	-12	4	10	1	-3	4	5	-5	-15
-21	-17	-22	-19	-6	6	10	7	2	-2	-2	-3	-1	-2	-1	3	-2	-20	-21	-8	17
29	30	36	56	68	49	16	-4	-17	-34	31	-43	-37	-39	-36	-15	17	17	-12	9	9
18	12	-7	-25	-50	-62	-34	4	29	31	31	13	20	41	36	-20	-78	-118	-68	6	27
40	38	10	-24	-22	34	67	25	-29	-66	7	-42	7	17	36	-35	-41	-60	-69	-20	14
-4	5	43	63	82	115	106	23	-17	-16	26	26	25	-20	-71	-113	-133	-83	8	52	61
41	16	86	162	170	82	3	18	64	5	-121	-164	-99	-36	-7	-7	-26	-57	-23	-2	-44
-17	14	-35	-91	-98	-12	59	5	-56	-61	-1	99	162	117	14	14	-28	28	34	27	-3
-32	-71	-123	-185	-129	-10	98	137	95	66	77	85	87	80	72	72	58	40	21	26	67
74	19	-88	-167	-136	-42	36	53	39	5	-38	-85	-82	-53	-53	-98	-174	-180	-88	13	101
149	132	115	154	203	234	280	285	176	-93	-235	-137	-50	-36	-36	-38	-10	-18	-85	-118	-58
-31	-120	-188	-132	10	6	-110	-131	10	146	182	174	132	84	43	43	7	43	159	186	78
-64	-128	-153	-165	-176	-161	-81	44	174	228	184	60	-52	-119	-79	-79	-13	-35	-26	11	-44
-105	-100	-26	23	-11	-70	-58	13	69	60	-17	-43	-26	-28	-61	-61	-75	-13	43	6	-99
-143	-59	76	82	25	87	260	298	89	-83	-101	-72	-79	-110	-25	-25	141	194	127	-63	-180
-173	-145	-42	61	95	103	66	19	-11	-22	-23	-41	-35	104	208	349	168	8	-173	-269	-267
-247	-140	3	125	128	54	13	-29	-63	-51	10	107	192	272	272	12	331	161	-76	-228	-234
-173	-120	-114	-143	-102	-88	-131	-129	-41	19	9	-13	3	27	12	44	40	50	-52	-102	-37
28	-34	-116	-85	0	81	116	113	115	81	14	28	71	52	52	44	66	92	73	95	92
-40	-180	-177	-88	-56	-31	40	53	-62	-170	-152	-68	7	55	43	43	18	28	78	81	-20
-117	-144	-116	-72	30	123	116	40	-48	-1	21	-26	-49	20	102	102	127	51	-15	-19	10
-4	-26	-22	27	59	34	-20	-48	-61	-64	-58	-25	-2	-33	-86	-86	-53	43	92	20	-75
-53	-11	-3	9	66	128	128	90	63	31	26	-8	-62	-103	-140	-140	-147	-106	-65	-70	-99
-110	-97	-53	5	26	17	6	91	195	165	86	59	69	67	64	64	58	39	9	-32	-71
-121	-177	-179	-97	-25	-16	-44	2	81	149	170	171	128	73	38	38	16	4	6	-17	-83
-130	-114	-62	-20	-40	-80	-47	23	73	61	35	49	25	-54	-85	-85	-22	86	125	85	25
-1	-8	-21	-50	-76	-67	-42	-18	4	8	-17	-62	-107	-96	-20	-20	37	73	68	46	39
40	38	26	16	35	40	39	40	46	51	47	32	56	114	140	140	103	42	-10	-7	56
94	61	-5	-39	-31	27	95	131	103	7	-70	-95	84	-61	-61	-32	-1	6	-9	-23	-12
19	35	42	87	141	162	162	117	70	38	17	-13	-42	-55	-55	-50	-55	-35	31	77	33
-28	-49	-34	-13	-3	-9	2	15	11	-47	-101	-80	-47	-21	-21	-4	26	61	85	41	-27
-38	-28	-68	-82	-46	-16	-19	-66	-120	-148	-129	-84	-53	-23	-23	18	37	44	58	64	53
21	-27	-64	-60	-52	-44	-26	-3	21	12	1	-10	-33	-51	-51	-66	-74	-51	-10	21	32
30	43	38	8	-17	-34	-11	9	32	35	15	8	9	17	39	39	39	19	10	15	29
1	-54	-95	-78	-69	-69	-76	-32	16	-6	-54	-93	-93	-57	-17	-17	-16	-28	-6	30	26
-5	-7	20	29	24	14	3	-13	-42	-77	-92	-93	-86	-82	-76	-76	-68	-25	6	4	-2
18	24	-8	-44	-64	-57	-29	2	28	31	16	23	34	41	39	39	42	15	14	14	49
33	-15	-40	25	71	77	67	61	47	16	5	-21	-63	-76	-85	-85	-65	-46	-25	-10	15
48	70	73	56	48	66	71	31	-12	-36	-29	-19	-35	-56	-56	-28	17	44	52	39	1

-18	-31	-14	9	2	-4	-8	11	42	61	33	12	24	43	39	22	27	22	-19	-57
-48	-6	9	-1	-20	-31	-29	-20	-29	-42	-59	-63	-33	-6	20	19	17	35	59	80
72	45	25	14	16	15	8	1	6	17	17	9	10	13	8	-5	-7	-19	-34	-39
-40	-29	-8	7	32	47	64	65	50	36	39	35	35	41	50	40	34	39	43	51
44	9	-14	1	43	62	42	1	-24	-32	-44	-57	-60	-59	-45	-33	-23	-23	-19	-27
-35	-34	-20	-2	20	40	53	58	49	31	24	30	35	35	29	21	20	26	40	44
44	38	7	-6	11	2	-1	16	26	31	18	-6	-26	-6	-15	-33	-30	-23	-17	-16
-24	-31	-50	-66	-69	-62	-52	-66	-37	-9	13	21	48	66	71	64	55	60	48	33
10	-22	-45	-54	-62	-53	-38	-23	-9	7	19	13	1	-5	-9	-2	-11	-30	-65	-76
-65	-57	-42	-17	-9	-3	-3	3	23	31	12	-2	10	39	50	16	-26	-35	-24	-25
-41	-43	-23	-14	-19	-24	-10	5	1	-6	-15	-4	22	40	42	43	43	39	42	43
39	40	39	34	17	2	-7	-17	-7	-1	-10	-25	-30	-31	-21	-2	8	2	-15	-50
-61	-49	-58	-79	-74	-58	-42	-40	-35	-44	-48	-38	-22	-14	-13	-8	-5	0	-14	-24
3	36	44	61	68	65	59	57	52	47	43	23	8	14	22	19	16	6	10	22
26	13	2	-14	-23	-27	-33	-28	-15	9	18	26	10	-14	-26	-39	-53	-66	-65	-39
-30	-21	-16	-26	-37	-40	-37	-25	-11	1	3	2	-1	-1	20	34	26	10	26	45
59	68	77	87	92	68	30	5	-5	-13	-19	-24	-29	-38	-45	-46	-47	-48	-50	-51
-52	-56	-55	-42	-35	-34	-34	-33	-28	-8	16	23	26	26	20	16	13	11	7	0
-8	-10	-4	3	9	14	18	23	32	39	44	53	50	32	28	32	29	20	6	14
23	20	8	-23	-43	-46	-41	-39	-33	-13	-6	-12	-17	3	18	15	1	-7	-4	6
19	22	26	34	38	34	29	29	26	20	4	-15	-16	-6	-1	-1	-2	-1	5	14
20	32	30	8	-4	-9	-9	-6	4	4	12	7	11	12	12	12	8	-1	-11	-1
12	11	10	6	-2	-9	-13	2	12	14	2	6	0	-1	1	3	7	8	7	6
1	-6	-9	-4	3	4	3	3	1	-9	-28	-38	-33	-26	-23	-19	-18	-16	-14	-9
-6	1	16	30	34	33	32	25	28	33	35	35	34	31	29	24	13	3	-3	-9
-15	-19	-26	-29	-34	-31	-31	-27	-17	-12	-6	-15	4	8	10	12	9	3	-5	-20
-27	-33	-42	-48	-40	-38	-33	-28	-23	-18	-16	-15	-12	-11	-8	-4	1	4	10	16
22	27	27	26	20	7	-3	0	5	6	9	16	17	12	5	-1	-4	-7	-10	-13
-16	-20	-22	-20	-22	-22	-12	-3	3	7	7	2	2	1	-2	-6	-11	-16	-27	-28
-15	-13	-15	-11	-9	-8	-2	19	26	23	16	15	16	21	22	20	12	2	4	11
11	8	4	2	16	19	19	17	12	16	28	28	34	36	36	33	31	24	11	3
4	0	0	-3	-13	-22	-25	-25	-24	-23	-24	-30	-35	-30	-18	-10	-11	-13	-14	-14
-4	10	16	10	3	7	12	12	10	12	15	18	17	10	14	29	29	20	18	17
10	3	9	20	23	18	7	6	8	9	9	3	-4	-6	-9	-15	-25	-25	-20	-17
-12	-9	-14	-18	-23	-28	-29	-35	-39	-37	-28	-19	-9	-6	-5	-2	0	-2	-6	-6
-4	-9	-17	-16	-8	-1	2	3	4	3	3	5	7	12	14	10	4	2	2	-1
-1	0	-7	-8	-3	-1	1	-5	-10	-10	-4	1	-1	-6	-10	-14	-20	-27	-32	-36
-38	-36	-23	-12	-14	-17	-12	-2	8	13	7	4	10	9	8	11	13	14	19	21
20	19	16	9	2	-3	-12	-5	-12	-15	-15	-14	-6	-2	-8	-9	-5	-3	-2	-4
-5	-5	0	1	2	14	25	22	13	7	2	0	-1	1	5	7	7	7	6	4
0	-8	-9	-10	-10	1	6	1	0	3	1	3	12	23	22	17	12	10	13	17
21	22	26	29	20	17	19	16	7	7	10	10	11	11	6	6	9	12	13	15
15	11	11	15	16	6	-2	-2	0	0	2	1	-11	-24	-29	-23	-18	-20	-19	-21
-29	-24	-9	5	4	4	3	-4	-2	11	14	3	-3	-1	10	13	10	17	23	35
43	48	53	53	39	28	23	26	36	33	19	7	-5	-14	-9	-9	-22	-29	-31	-21
-12	-9	-7	-10	-16	-23	-20	-37	-30	-27	-7	-19	-19	-17	-1	-5	-14	-21	-24	-21
-16	-10	-10	-15	-25	-33	-37	-37	-30	-27	-30	-34	-29	-17	-9	-11	-18	-16	-8	-2
-1	-3	-5	-3	1	8	14	10	3	4	8	14	15	10	5	3	3	2	-6	-16
-21	-21	-17	-13	-8	-14	-20	-6	10	15	7	-2	-10	-10	-8	-10	-13	-5	7	7
-4	-9	-3	-3	-17	-25	-15	-9	-7	-7	-5	7	13	11	7	16	25	31	36	39

IID210 71.234.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 123 HOSE STORAGE ROOM, HEMET FIRE STATION, HEMET, CAL. COMP S45W 33 43 47N, 116 58 45W
 INSTR PERIOD = 0.0460 SEC DAMPING = 0.637 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = 38.4 CM/SEC/SEC AT 7.56 SEC VELO = -2.7 CM/SEC AT 9.78 SEC DISP = -1.3 CM AT 10.76 SEC

INITIAL VELO = 0.74991 CM/SEC INITIAL DISP = 0.06244 CM
 2676 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

11	-4	-29	-33	-15	3	15	-2	-35	-43	-33	-26	-42	-59	-55	-39	-24	-10	8	17
17	15	10	-6	-10	-16	-25	-3	28	41	4	-33	-22	6	28	43	45	40	34	35
17	-19	-39	-23	-5	-33	-55	-23	6	17	12	-4	-11	-18	-29	-32	-19	-3	-1	5
33	48	26	-14	-36	-24	-9	-30	-52	-57	-41	-8	-12	11	15	43	83	109	104	63
7	-24	-17	4	18	18	12	20	25	15	-25	-87	-105	-55	4	25	11	8	24	27
-10	-52	-68	-63	-43	-3	47	54	-15	-111	-190	-193	-133	-59	28	86	74	37	14	-8
21	70	78	6	-123	-180	-95	31	106	78	75	113	161	129	2	-117	-110	-49	-37	-50
-39	-13	-14	-22	-5	32	96	155	167	128	59	-20	-74	-69	-27	19	54	28	-40	-49
-17	-13	-32	-49	-41	-70	-122	-140	-87	-14	12	-7	-26	-20	25	122	173	124	61	47
34	24	2	15	42	14	-22	-26	-30	-41	-17	11	-5	-87	-148	-113	-12	5	-67	-116
-43	84	115	84	99	89	34	-53	-112	-125	-118	-84	-37	8	27	42	86	141	149	67
10	32	67	37	-63	-129	-62	56	125	133	162	232	240	171	111	76	48	22	-31	-91
-50	7	-18	-82	-145	-153	-93	-62	-47	-51	-154	-286	-330	-203	84	328	259	54	-14	77
148	120	24	-84	-187	-217	-100	138	262	182	28	-10	59	58	-17	-171	-287	-238	-171	-137
-112	-63	67	244	312	224	139	173	205	196	177	172	92	-102	-333	-348	-204	8	89	31
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110210 71.234.0
STATION NO. 123

SAN FERNANDO EARTHQUAKE
HOSE STORAGE ROOM, HEMET, CAL.

FEB 9, 1971 - 0600 PST
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 33 43 47N, 116 58 45W

PEAK VALS ACCLN = -25.1 CM/SEC/SEC AT 8.84 SEC VELO = -2.3 CM/SEC AT 10.18 SEC DISP = 1.3 CM AT 9.62 SEC
INITIAL VELO = 0.15081 CM/SEC INITIAL DISP = -0.11820 CM
2676 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-37	-10	-9	-21	-22	-13	11	14	11	26	27	21	34	8	-25	-49	-51	-12	7	0
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IIP214 71.053.0
STATION NO. 226
INSTR PERIOD = 0.049 SEC
DAMPING = 0.575
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
4867 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CALIFORNIA
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP S89W 34 05 54N, 118 17 37W

PEAK VALS ACIN = 154.1 CM/SEC/SEC AT 6.78 SEC VELO = 23.3 CM/SEC AT 6.92 SEC DISP = 8.0 CM AT 8.04 SEC

INITIAL VELO = 0.59673 CM/SEC INITIAL DISP = 0.10068 CM

2348 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

106	106	131	2	-83	-47	-18	-6	-1	-77	-121	9	124	153	84	-14	-3	-26	-46	27
100	112	111	137	94	-28	-69	-80	149	287	-38	-176	-131	-115	-99	4	66	53	50	-31
-149	-184	-115	117	181	126	125	76	53	170	313	258	97	49	5	-233	-500	-328	-126	-18
181	275	159	-87	-392	-597	-883	-931	-815	-706	-367	-47	-22	-94	50	435	897	1058	1087	1116
870	558	398	224	105	85	66	28	38	192	319	184	135	45	-291	-456	-410	-493	-883	-1020
-754	-468	25	518	314	-275	-583	-613	-584	-561	-500	-517	-492	-392	-194	61	105	172	593	1091
1171	1003	626	174	-385	-995	-1171	-1099	-952	-432	152	851	1446	1539	1431	1173	648	331	299	216
200	192	-9	-186	-285	-338	-407	-652	-944	-1008	-816	-524	-71	321	288	68	12	20	0	-228
-737	-1292	-1424	-1132	-567	-200	168	556	510	264	209	236	171	-86	-193	-122	15	223	586	747
586	214	-213	-730	-1015	-1015	-800	-226	233	223	215	234	256	342	520	555	309	132	367	678
720	695	865	903	580	68	-54	46	58	51	3	-67	-305	-818	-968	-853	-860	-775	-607	-506
-452	-345	-87	198	168	-198	-379	-221	-228	-148	156	449	508	578	801	836	721	644	503	338
418	663	646	444	300	170	273	523	528	415	232	85	115	264	274	67	-356	-714	-721	-617
-601	-673	-791	-811	-696	-469	-344	-375	-467	-609	-660	-569	-374	-178	-126	-137	-73	55	250	473
513	337	203	179	407	632	643	621	421	283	251	250	235	193	267	333	72	-267	-408	-643
-978	-837	-404	98	313	282	72	-156	-135	90	199	136	-119	-575	-772	-705	-552	-238	93	182
206	380	518	464	287	92	-208	-573	-668	-301	211	771	1189	1163	831	588	849	1354	1477	1541
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-513	-588	-426	-125	47	56	38	-74	-250	-382	-430	-547	-658	-631	-451	-186	-15	70	193	315
453	564	555	408	215	35	-33	66	199	222	100	-199	-590	-754	-772	-672	-477	-338	-335	-336
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192	149	117	84	81	89	59	-9	-82	-134	-155	-119	-88	-76	-71	-81	-120	-136	-91	-60
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212	207	202	191	183	180	178	163	127	81	29	-30	-68	-81	-95	-117	-87	-12	35	61
109	141	137	113	110	120	106	92	97	107	79	41	25	23	25	33	43	38	-23	-58
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IIP214 71.053.0
STATION NO. 226
INSTR PERIOD = 0.047 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
4867 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CALIFORNIA
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP SOLE 34 05 54N, 118 17 37W
DAMPING = 0.580

PEAK VALS ACCLN = 156.3 CM/SEC/SEC AT 3.62 SEC VELO = 16.3 CM/SEC AT 3.90 SEC DISP = 7.9 CM AT 5.02 SEC

INITIAL VELO = -0.06915 CM/SEC INITIAL DISP = -0.17912 CM

2349 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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21	75	29	-90	-135	-56	-46	-98	-138	-168	-127	-81	23	94	70	-9	-152	-113	-33	70
78	-124	-233	-243	-230	-173	-34	177	231	263	181	47	-27	-83	30	110	182	-5	-255	-328
-396	-257	99	233	357	229	-333	-601	-659	-647	-383	-284	72	721	951	909	725	461	71	-640
-930	-648	-237	253	546	768	991	656	84	-452	-495	-275	-220	-266	-166	-33	59	-72	-227	-206
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768	987	812	590	560	588	456	6	-361	-452	-518	-688	-803	-446	251	906	879	680	591	452
213	-293	-809	-945	-557	-201	-178	-358	-517	-578	-778	-745	-330	-130	-99	43	214	50	-344	-576
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IIP214 71.053.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 226 4867 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CALIFORNIA COMP DCWN 34 05 54N, 118 17 37W
 INSTR PERIOD = 0.049 SEC DAMPING = 0.585 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = 115.7 CM/SEC/SEC AT 6.92 SEC VELO = -9.8 CM/SEC AT 9.16 SEC DISP = 5.2 CM AT 8.70 SEC

INITIAL VELO = -0.54015 CM/SEC INITIAL DISP = -0.26506 CM

2354 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

206	133	181	347	123	-160	27	116	190	73	-252	-403	-165	350	46	-578	-178	262	-253	-469
-25	341	233	177	45	53	336	103	-107	161	174	-415	-563	216	326	396	307	-487	-444	-224
-183	-99	31	228	97	-240	-519	-149	36	4	309	448	536	397	246	144	-338	-249	-293	-396
-74	-535	-656	-129	-12	12	27	-195	424	375	109	734	778	368	16	-226	-120	13	-196	-317
40	273	-93	124	253	-32	39	305	-78	-424	-285	-213	-201	70	326	98	-238	-339	-443	-596
-55	191	-150	277	646	-264	-610	7	377	-55	-265	-342	-440	-22	16	-46	169	-13	-215	-71
225	525	824	831	368	-343	-470	290	212	78	300	464	145	-187	18	462	377	-196	-381	-71
-15	114	-212	-131	259	165	71	-1	-200	-107	72	86	-127	-132	-80	-316	-477	-460	-107	92
-35	-126	-238	-358	-27	176	-327	-204	76	-317	-245	34	-30	240	293	187	173	393	568	245
33	494	797	501	-29	-207	-6	27	-97	65	352	87	33	181	204	310	172	-492	-570	-309
-162	150	65	-110	-83	-344	-689	-256	497	428	-68	-276	-463	-428	-233	-233	-146	38	22	-142
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-602	-428	-391	-388	-221	-49	-61	-121	-145	9	78	-106	-69	4	-29	-33	211	334	170	252
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359	171	-160	-314	-158	633	1157	569	-107	-94	-11	118	359	335	24	-190	-197	-218	-193	26
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-344	-57	-36	-89	-134	-233	-135	54	-17	-23	170	307	372	231	-94	-4	190	-5	-100	74
181	82	-132	-108	178	218	-142	-302	-59	10	-262	-278	-7	97	-149	-448	-445	-256	-347	-441
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201	60	53	169	159	74	43	90	151	148	168	232	201	176	217	85	-21	91	128	98
98	173	218	193	133	82	74	97	38	27	185	283	205	83	32	22	49	87	51	58
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-6	-9	-14	-15	-10	-2	0	1	6	6	-8	-9	2	9	10	10	10	12	18	21
17	12	5	0	3	4	0	2	-2	-9	-12	-13	-17	-17	-21	-26	-16	-11	-15	-18
-22	-24	-22	-20	-17	-9	-9	-13	-11	-5	-3	-10	-15	-17	-19	-21	-17	-9	-5	-18
-27	-14	-8	-10	-9	-3	3	4	-2	-11	-11	-13	-15	-10	-5	-15	-22	-19	-19	-11
2	6	6	7	7	6	5	5	6	6	1	-8	-2	4	4	3	12	24	18	14
13	12	9	7	5	4	3	0	-6	-5	-1	0	-1	-1	2	-1	-7	0	6	7
7	5	1	1	5	9	11	13	14	13	12	17	26	29						

IIP215 71.054.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 227 4867 SUNSET BOULEVARD, 2ND FLOOR, LOS ANGELES, CALIFORNIA COMP N89E 34 05 54N, 118 17 37W
INSTR PERIOD = 0.051 SEC DAMPING = 0.547 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -206.3	CM/SEC/SEC AT 6.84 SEC	VELO = -29.6	CM/SEC AT 6.90 SEC	DISP = 9.7	CM AT 6.70 SEC													
2348 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = -3.55369 CM/SEC INITIAL DISP = -0.77422 CM																			
-20	-242	-143	51	177	47	-108	-68	121	153	97	120	179	105	-175	-188	62	71	29	61
-3	-200	-245	-98	-26	-57	-4	31	-37	-130	-129	53	156	186	275	348	228	-71	-245	-24
140	153	96	67	-79	-91	-35	-82	-155	-106	-70	-268	-378	-195	50	126	194	363	292	155
96	29	-124	-165	137	561	948	1169	1072	808	561	405	188	120	308	341	66	-375	-1091	-1451
-1510	-1553	-1335	-994	-662	-456	-423	-244	41	161	182	50	84	243	251	356	747	1135	992	737
796	826	589	269	-268	-611	-253	536	665	465	342	96	-41	194	743	1088	919	584	187	-484
-1013	-1099	-958	-774	-640	-528	355	1085	826	238	-283	-660	-977	-1392	-1332	-657	-112	-65	-182	-498
-825	-870	-806	-530	-138	-2	37	206	574	1252	1713	1580	1182	569	82	-112	-48	-62	-114	26
284	485	635	1004	1151	949	477	-130	-690	-820	-551	-221	130	367	292	-24	-448	-530	-416	-364
-317	-151	71	318	740	1009	810	410	-57	-533	-714	-539	-231	189	511	346	-94	-304	-455	-740
-1056	-1134	-1045	-1129	-1378	-1299	-819	-214	100	54	43	276	661	826	1052	1419	1412	1066	704	499
311	342	799	975	529	169	355	426	87	-472	-730	-418	-379	-949	-1470	-1595	-1460	-934	-356	-45
262	312	-137	-796	-1147	-961	-574	-169	-217	-489	-857	-865	-430	67	300	341	290	275	308	389
421	504	635	782	763	595	531	686	988	1229	1322	1329	1047	505	94	-120	-136	-127	-281	-421
-564	-828	-919	-888	-817	-701	-563	-519	-634	-762	-679	-438	-232	-71	119	217	68	-35	272	794
1208	1402	1199	624	-93	-694	-628	-154	80	13	-50	-121	-347	-500	-300	355	1108	1154	546	10
-210	-296	-384	-259	77	350	436	498	518	436	218	-103	-587	-1051	-1533	-1666	-1451	-1340	-1230	-1211
-1484	-1924	-2063	-1911	-1329	-187	413	459	177	-173	-119	169	475	674	712	646	639	763	869	895
895	847	716	396	-67	-448	-440	-229	-176	-195	21	434	668	677	708	715	504	260	146	-26
-294	-480	-528	-573	-576	-464	-290	-137	-90	-118	-164	-179	-126	60	428	775	834	753	577	370
279	399	834	1455	1552	1317	973	635	278	-110	-392	-491	-534	-509	-441	-361	-315	-474	-678	-614
-514	-540	-536	-351	10	251	277	305	229	-9	-223	-115	83	138	114	112	171	216	40	-233
-321	-158	86	109	44	142	276	251	155	134	265	414	468	520	503	411	395	486	595	712
772	679	407	151	68	27	-70	-107	-34	-65	-237	-309	-373	-622	-747	-611	-420	-378	-385	-245
-95	-90	-121	-66	94	278	504	643	600	437	281	243	279	369	403	313	124	-21	-111	-226
-311	-303	-182	-67	-120	-483	-820	-759	-561	-214	-14	-71	-222	-302	-352	-391	-345	-204	-15	179
153	-2	-126	-188	-191	-163	-159	-147	-83	-7	-15	-64	-21	79	131	96	33	67	219	347
367	297	154	-9	-81	-104	-155	-208	-219	-196	-224	-365	-526	-592	-476	-422	-503	-584	-541	-460
-436	-409	-289	-114	-40	-37	8	51	102	160	229	286	304	254	186	111	39	-1	19	113
173	133	50	11	9	-38	-109	-146	-122	-80	-45	7	68	133	202	277	336	343	323	271
201	130	53	-11	-7	53	79	47	-16	-49	-31	-43	-37	49	118	151	135	149	174	179
154	139	110	59	45	95	95	12	-17	10	40	66	115	196	233	177	92	59	74	100
154	237	287	282	232	195	171	148	121	118	88	5	-95	-137	-111	-85	-80	-40	55	104
85	39	-20	-16	70	194	254	224	172	110	18	-65	-118	-173	-201	-146	-42	-28	-118	-163
-102	-1	12	-23	-30	11	65	119	218	343	397	372	269	116	-26	-89	-84	-86	-98	-133
-208	-328	-431	-490	-507	-437	-290	-180	-172	-158	-107	-57	24	168	282	307	296	272	212	100
-8	-45	-89	-160	-192	-185	-186	-230	-245	-223	-227	-255	-234	-166	-93	-39	3	47	54	41
86	136	122	101	113	105	61	-17	113	-202	-287	-312	-280	-261	-234	-167	-104	-123	-199	-226
-192	-82	70	175	182	149	111	104	115	130	162	204	228	231	208	190	176	169	162	121
47	-11	-31	5	56	108	126	80	21	-20	-28	-1	3	-64	-161	-181	-99	11	36	17

27	44	17	-48	-73	18	126	162	130	64	-11	-48	-53	-44	-55	-77	-90	-113	-141	-151
-152	-159	-182	-188	-129	-48	21	73	80	72	47	-5	-69	-46	47	119	125	59	-22	-58
53	-92	-138	-164	-144	-132	-143	-142	-99	-35	71	144	145	81	-1	-41	-28	-7	3	27
72	26	-26	-49	-62	-77	-77	-62	-44	-26	-13	-12	-6	14	16	-4	-18	-7	36	62
69	105	160	104	109	45	67	128	150	111	86	93	91	81	103	126	127	116	106	87
129	110	81	52	24	38	-17	-74	-151	-187	-160	-107	-52	-7	11	28	72	89	85	110
-96	-60	15	57	27	-4	-43	-84	-102	-117	-148	-169	-128	-59	-12	-30	-68	-75	-74	-82
-31	-92	-113	-82	-10	29	-33	-33	-5	55	118	87	-16	-82	-97	-102	-119	-125	-88	-22
-127	-159	-127	-76	-21	35	78	92	84	45	6	-20	-29	-13	14	21	5	-9	-22	-62
-30	-43	-46	-59	-62	-66	-90	-119	-98	-49	-14	-20	-36	-8	40	83	99	75	70	94
109	115	116	118	99	58	9	-48	-98	-139	-165	-159	-117	-68	-12	45	84	86	82	71
66	97	139	136	117	75	33	26	39	7	-1	53	90	36	-66	-129	-127	-93	-68	-51
-44	-44	-41	-37	-18	35	67	65	51	15	-16	-11	8	17	1	-46	-100	-145	-178	-190
-159	-92	-18	20	23	-1	-23	-23	6	46	82	97	91	97	101	88	63	69	104	94
29	-45	-86	-103	-114	-90	-48	-12	-1	-5	3	6	21	61	109	121	100	91	107	117
99	69	34	-9	-39	-33	-3	4	3	9	-40	-54	-94	-114	-87	-55	-36	-29	-38	-59
-75	-58	-17	7	14	13	20	29	16	-19	-26	-42	-69	-82	-82	-75	-64	-54	-56	-56
-48	-43	-39	-23	-14	-44	-69	-41	-6	-4	-13	0	-3	-46	-79	-64	-36	-25	-25	-23
-19	-18	-18	-21	-24	-22	-19	-21	-21	-3	26	47	43	21	0	-29	-54	-61	-31	3
14	10	12	6	-24	-42	-26	-13	-13	-22	-22	-12	8	29	54	87	114	103	51	38
59	64	34	2	4	11	12	14	21	33	45	36	19	10	1	-4	-3	5	23	41
60	75	82	84	79	71	57	44	31	23	23	26	28	19	-4	-31	-61	-67	-31	-3
12	7	-13	-20	-30	-42	-13	37	70	98	78	50	54	68	82	89	78	34	-15	-47
-49	-43	-34	-17	4	31	30	16	15	6	-2	-6	8	28	51	72	76	50	32	50
68	49	24	21	14	-18	-54	-67	-33	17	42	54	51	47	34	12	5	19	30	40
43	31	7	-24	-42	-49	-45	-28	-42	-81	-87	-86	-99	-108	-79	-37	5	26	30	26
36	46	18	7	30	42	18	-4	-1	13	-2	-41	-55	-32	-7	-15	-24	-23	-8	14
11	-9	-15	0	6	-17	-8	19	37	39	26	10	-18	-45	-24	15	13	-25	-54	-46
-31	-30	-26	-17	3	11	-21	-35	3	15	-25	-50	-34	-9	-31	-52	-35	-33	-59	-75
-61	-40	-36	-28	-19	-7	8	23	30	25	14	16	28	6	-22	-18	-6	-3	-21	-43
-57	-64	-63	-34	-64	-64	-58	-44	-31	-22	-9	4	2	-15	1	27	50	62	67	54
39	32	30	34	43	53	53	30	7	3	16	21	8	4	21	31	36	34	28	13
-6	-15	0	15	19	-3	-35	-61	-52	-22	8	25	30	32	27	18	10	30	68	91
97	91	80	62	44	37	39	26	8	-4	-8	-14	-17	-7	6	12	-7	-26	-9	23
31	37	52	61	63	69	85	98	94	80	66	34	-27	-114	-179	-184	-134	-51	46	153
217	173	59	-80	-179	-206	-182	-121	-62	-28	-19	-23	-17	17	54	85	112	113	67	18
1	1	-24	-95	-161	-172	-137	-117	-130	-144	-113	-119	-167	-180	-105	-22	43	85	107	98
25	-69	-96	-66	-24	-1	22	49	63	54	42	51	59	32	-20	-40	4	46	21	-24
-15	1	26	81	155	164	130	79	29	-12	-30	-29	-22	-26	-55	-97	-124	-127	-87	-34
6	34	26	-48	-48	-51	-51	-26	36	79	84	89	96	95	56	22	11	-14	-68	-93
-114	-127	-106	-45	-7	28	71	82	41	1	-14	-10	-15	-33	-61	-72	-67	-58	-30	28
70	73	20	-22	-33	-27	-14	-8	-4	-5	-17	-33	-33	-18	11	43	57	33	0	-10
2	11	28	47	46	38	28	7	-5	-4	-1	1	-6	-19	-27	-30	-48	-78	-101	-97
-53	-17	6	21	42	69	69	52	61	91	88	60	46	42	65	101	126	127	102	81
65	62	63	75	80	71	61	49	30	10	20	42	47	41	35	29	25	24	13	-9
-12	15	29	9	-17	-36	-33	-4	16	25	24	22	5	-20	-38	-42	-29	-25	-25	-25
-25	-25	-29	-45	-64	-59	-34	-17	-23	-38	-34	-27	-26	-25	-19	-6	-29	-10	-31	-42
-48	-42	-22	3	17	-7	-6	-13	-1	21	31	18	-2	-18	-27	-24	-13	-2	-1	-2
-6	-16	-39	-57	-49	-21	6	32	44	45	36	24	17	19	22	22	18	22	32	27

-6	-32	-37	-29	-25	-26	-25	-22	-24	-38	-41	-19	-9	-22	-36	-31	-14	1	2
-5	-11	-28	-50	-51	9	-4	-13	-17	-28	-60	-85	-78	-61	-46	-31	-20	-8	15
32	32	21	18	30	36	34	29	22	16	2	-22	-41	-54	-57	-51	-44	-25	2
13	10	8	7	14	30	69	71	58	50	52	59	53	29	7	-6	-14	-17	-21
-17	-10	-14	-22	-21	-17	-5	10	25	18	22	39	51	58	60	44	28	29	32
28	-20	11	2	-8	-24	-31	-30	-20	-9	0	9	18	24	25	25	22	11	-4
-11	-16	-22	-28	-35	-45	-71	-83	-75	-41	-19	-5	9	21	30	33	36	40	3
37	21	0	-26	-54	-71	-39	6	14	-6	-31	-50	-66	-69	-55	-41	-23	-9	-16
-25	-19	14	29	41	34	8	-32	-37	-15	4	-7	-29	-30	-9	-8	4	4	4
-10	-19	-23	-14	2	13	16	12	0	-14	-22	-20	-17	-15	-14	-15	-25	-46	-3
-60	-46	-15	3	17	28	30	31	31	31	33	39	50	50	36	26	25	26	26
28	31	33	27	3	-15	-25	-22	-19	-14	-9	-4	-2	-2	-2	-4	-13	-34	4
-33	-30	-21	-10	-3	-7	-15	-15	-14	-14	-14	-16	-19	-19	-14	-8	-2	5	11
20	30	32	22	14	9	6	22	36	36	35	28	16	5	-2	-7	-12	-15	-18
-20	-21	-21	-20	-10	2	8	43	50	28	6	-4	-10	-15	-19	-25	-37	-50	-59
-54	-41	-31	-19	-9	-2	-10	-28	-23	-12	8	10	-6	-7	4	14	18	12	7
6	7	7	-22	-29	-28	-28	-11	4	5	3	-8	-14	-3	11	15	14	8	2
1	5	7	8	11	18	23	18	15	13	10	10	10	11	13	22	35	40	31
22	17	16	22	32	36	32	21	19	20	25	26	27	27	25	15	10	26	37
38	38	37	34	32	33	36	38	32	26	21	15	9	2	-8	-19	-26	-24	-22
-19	-18	-19	-6	25	16	16	28	31	18	8	9	12	15	15	16	16	12	2
-8	-11	-3	7	11	11	7	-15	-14	-5	1	7	12	14	13	5	-8	-16	-16
-13	-11	-9	-9	-9	-8	-8	-6	-3	0	5	11	16	21	25	26	26	26	2
25	21	9	-4	-13	-40	-32	-15	2	13	6	-8	-21	-24	-10	2	12	15	6
-2	0	2	-2	-7	-11	-16	-24	-25	-15	-7	-14	-22	-30	-36	-41	-42	-39	-36
-35	-34	-34	-32	-30	-27	-25	-14	-7	0	3	3	4	6	-36	8	-42	-39	-36
46	62	56	25	8	9	10	0	-10	-18	-16	-7	0	9	18	11	15	22	31
26	25	20	15	11	9	18	0	-10	0	0	-7	0	9	18	23	24	25	25

IIP215 71.054.0
STATION NO. 227
INSTR PERIOD = 0.049 SEC
SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST
4867 SUNSET BOULEVARD, 2ND FLOOR, LOS ANGELES, CALIFORNIA
DAMPING = 0.552
EPICENTER 34 24 00N, 118 23 42W
COMP SOLE 34 05 54N, 118 17 37W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -270.3 CM/SEC/SEC AT 6.76 SEC VELO = -18.7 CM/SEC AT 6.42 SEC DISP = 11.2 CM AT 4.98 SEC

INITIAL VELO = -2.64894 CM/SEC INITIAL DISP = -1.10044 CM
2348 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

4	106	215	148	200	129	91	218	117	-65	-1	33	39	41	-132	-200	-66	142	220	81
-73	-11	77	22	-159	-205	-67	44	-92	-309	-303	-25	194	200	-5	-101	-160	4	207	249
224	-22	-429	-528	-339	11	248	108	27	67	65	237	331	191	194	301	400	273	-200	-566
-559	-324	253	355	105	-125	-603	-826	-556	-285	77	164	162	790	1162	1044	636	86	-351	-529
-463	-130	120	237	394	519	492	174	-339	-644	-378	353	779	312	-256	-499	-294	-58	-8	-319
-647	-505	357	826	656	468	260	51	216	553	551	169	-516	-1149	-1423	-1300	-1018	-687	-425	-131
522	1053	969	763	621	416	200	304	766	1284	1294	1001	600	226	-9	-168	-268	-321	-715	-1404
-1700	-1459	-916	-423	-291	-290	-22	319	520	529	413	401	796	1048	766	142	-335	-696	-622	-333
-138	-355	-971	-1539	-1506	-973	40	1126	1391	1351	1236	786	445	152	-128	-159	-27	55	162	178
334	548	375	2	-363	-743	-1012	-794	98	1594	2432	2016	1279	452	-51	-243	-270	-385	-764	-1277
-1541	-1576	-1510	-1492	-1545	-1358	-600	277	1080	1452	1274	526	439	-167	-440	-184	259	343	270	365
316	54	-312	-594	-703	-415	62	186	-68	-290	-318	-313	-105	697	1382	1403	1018	494	107	-275
-312	-266	-494	-893	-1263	-1183	-394	186	-104	-928	-1540	-1546	-626	483	721	306	-160	-440	-505	-331
-194	-209	-319	-368	-320	-281	-423	-551	-557	-538	-460	-165	312	569	617	578	476	391	528	933
1227	1255	1054	633	136	-278	-351	-69	177	39	-428	-1002	-1407	-1353	-883	-526	-419	-466	-602	-993
-475	-164	52	416	725	700	447	39	-295	-430	-311	-102	130	275	192	94	19	-323	-785	-660
-497	236	772	1119	1155	1087	1333	1873	1912	1321	334	-275	197	1056	1242	550	-494	-1783	-2703	-2194
-892	-2	-474	-1405	-1565	-933	-423	-107	145	349	568	929	1412	1598	1613	1511	1291	1020	749	523
297	-78	-424	-535	-553	-554	-574	-634	-597	-379	-53	77	21	9	243	651	889	836	692	557
499	413	191	39	-105	-325	-554	-604	-530	-537	-537	-475	-459	-394	-106	319	682	834	736	489
285	140	215	362	301	152	36	-156	-413	-662	-606	-482	-300	-108	-12	-22	-24	119	397	530
545	634	653	557	376	175	-46	-136	-168	-239	-291	-352	-440	-413	-240	-191	-291	-394	-352	-94
213	451	517	423	342	295	297	280	154	-56	-212	-327	-435	-547	-666	-746	-749	-687	-612	-556
-525	-442	-336	-204	-56	70	127	214	349	452	481	368	167	-25	-169	-202	-225	-227	-213	-220
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[illegible]

IIP215 71.054.0
STATION NO. 227
INSTR PERIOD = 0.048 SEC DAMPING = 0.581
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
4867 SUNSET BOULEVARD, 2ND FLOOR, LOS ANGELES, CALIFORNIA
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 05 54N, 118 17 37W

PEAK VALS	ACLN =	89.0	CM/SEC/SEC AT 7.04 SEC	VELO =	10.6	CM/SEC AT 3.90 SEC	DISP =	4.5	CM AT 8.74 SEC										
2349 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
	INITIAL VELO =	-1.62783	CM/SEC	INITIAL DISP =	0.10069	CM													
855	325	-206	-197	267	423	49	-338	34	291	-59	-425	-418	14	140	-160	-382	-72	85	-174
-356	54	717	470	-372	-458	341	798	113	-533	-673	-170	41	-117	-12	505	425	-137	-623	-584
174	412	-46	-333	-152	87	-318	-275	6	254	301	401	657	445	44	-207	-81	254	-29	-381
-587	-370	-371	-319	40	270	-20	-325	216	615	821	693	338	336	441	304	-158	-438	-84	116
118	-192	-151	181	64	-82	171	410	113	-533	-769	-197	262	211	126	30	-134	-390	-714	-654
169	465	-21	-179	-34	166	-38	-259	204	363	83	-690	-680	94	406	204	-493	-855	-258	331
479	490	472	671	654	297	-261	89	837	718	325	-3	-56	125	384	188	-71	-92	13	-210
-569	-424	106	297	-107	-209	402	322	-13	-254	-43	515	238	-238	-494	-308	-1	-81	-117	-268
-117	96	-65	-412	-450	-264	-224	-108	-219	-101	221	14	118	461	438	581	233	79	149	91
322	397	237	297	180	-281	-448	-200	284	467	365	172	458	559	360	23	-294	-615	-650	-519
-211	-114	-351	-490	-777	-678	-321	-118	316	519	101	-392	-713	-463	-77	47	28	-229	-272	93
133	-96	-167	107	8	-37	222	143	-102	-357	-169	103	167	221	340	546	331	25	199	77
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-201	-216	-112	-33	-126	-223	-286	-256	-60	146	164	50	-92	-126	-57	17	-117	-244	-54	309
472	451	381	405	570	426	-97	-491	-476	-172	-111	-229	-412	-402	-143	-159	-316	-375	-292	-87
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[illegible]

11P216 71.055.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 228 4867 SUNSET BOULEVARD, 7TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.052 SEC DAMPING = 0.570 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -425.6 CM/SEC/SEC AT 3.28 SEC VELO = 45.5 CM/SEC AT 7.16 SEC DISP = 14.8 CM AT 8.22 SEC
 INITIAL VELO = -3.83506 CM/SEC INITIAL DISP = 0.78716 CM
 2352 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-23	-363	-115	259	256	-194	-555	-319	218	390	188	-141	-352	-122	105	121	-118	-465	-519	46
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-158	163	58	-358	-760	-778	-246	336	416	187	-46	2	270	374	105	-230	-288	-41	195	201
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9	12	12	6	-2	-20	-38	-45	-50	-51	-53	-54								

IIP216 71.055.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 228 4867 SUNSET BOULEVARD, 7TH FLOOR, LOS ANGELES, CAL. COMP DOWN 34 05 54N, 118 17 37W
INSTR PERIOD = 0.048 SEC DAMPING = 0.570 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACN = 154.2 CM/SEC/SEC AT 0.0 SEC VELO = 11.8 CM/SEC AT 7.92 SEC DISP = 6.5 CM AT 8.92 SEC

INITIAL VELO = -1.86270 CM/SEC INITIAL DISP = 0.28667 CM

2355 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

1542	769	-228	-209	657	490	25	-798	-453	210	520	644	250	-592	-444	598	393	-444	-1023	-545
582	518	-247	-503	284	866	684	-527	-1060	-216	910	1283	371	-695	-1082	-290	415	0	-169	123
178	51	303	53	-453	-626	-562	-94	242	237	-106	-260	-289	8	4	-519	-326	-53	-158	108
442	867	673	-134	-447	-318	-120	-181	90	179	-63	-23	644	245	186	464	649	-54	-956	-930
-4	408	-26	-128	274	-223	-491	-8	270	191	-74	-431	-701	-314	245	161	-36	238	-139	-567
34	611	409	2	-120	-424	-640	-495	-403	389	838	-339	-992	-370	548	-244	-1138	179	724	440
-258	-760	133	834	164	-530	-466	-10	403	352	160	472	806	533	166	-445	-622	85	775	615
-390	-429	411	901	289	-362	90	130	-245	-441	-139	66	-159	-325	-177	-49	330	-80	-762	-163
981	1090	624	-191	-371	-119	-402	-630	-232	-65	-17	-149	-460	-577	352	341	-310	-120	200	-491
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290	118	378	152	-59	185	-35	-647	-449	1	175	-403	-924	-704	-193	-332	-728	-134	493	548
91	-461	-18	507	5	-431	-321	51	568	271	-396	-433	-92	337	561	446	140	-1	-151	-278
-142	-357	-546	70	98	303	198	-377	14	-113	-281	214	251	-539	-485	57	319	527	531	393
253	-77	-195	-134	-459	-575	-317	-167	-477	-919	-736	-78	11	-335	-492	-203	133	301	45	107
-49	-306	73	408	213	-200	-13	147	159	225	-63	71	469	522	118	-436	-567	-13	158	-114
-471	-234	254	305	116	149	176	-289	-635	302	6	126	92	245	102	-298	-559	-381	28	514
478	-266	-284	47	-70	-546	-602	467	1033	749	266	-25	174	570	736	233	-385	-107	505	353
680	997	264	-483	-267	92	-62	-125	-127	-147	-88	89	420	81	-532	235	1139	978	198	-385
-79	685	549	-49	-472	-42	646	617	-124	-244	-60	-69	-151	-232	-283	-401	-266	7	208	139
-16	-244	-265	-62	125	143	-209	-190	750	883	122	-147	123	365	634	327	-319	-326	53	-44
-154	-266	-600	-472	-385	-769	-1002	-396	330	144	-183	-146	173	434	159	-283	-253	80	183	96
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286	411	255	73	161	129	-43	80	162	101	26	15	97	215	148	12	-112	-38	85	91
82	142	188	64	-17	-33	66	115	-7	-2	108	-12	-234	-240	-28	163	38	-262	-349	-263
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-15	-7	-7	-7	-7	-6	-6	-6	-4	-3	-3	-3	-7	-18	-25	-24	-15	1	1
-21	-15	3	3	1	4	4	4	-4	-10	-7	2	11	13	9	6	2	-4	-4
-12	6	1	1	-12	-9	-9	-13	-11	-9	2	11	12	6	-2	-7	-9	-11	-11
-10	-14	-9	-9	-8	-8	-8	-13	-28	-41	-4	18	5	-8	2	13	2	-30	-30
-11	-11	-4	-4	-3	-3	-3	-3	-4	-15	-18	-22	-24	-22	-10	-2	-5	-8	-8
-30	-5	13	17	-5	-2	-2	-7	-14	-15	-2	-22	-24	-22	-10	-2	-5	-8	-8
-11	-14	-16	-19	-16	-24	-24	-26	-24	-21	-2	10	-10	-19	-12	-5	-1	3	3
7	11	15	17	15	7	7	-1	-10	-10	-9	-9	-8	-7	-7	-6	-5	-8	-8
-14	-20	-25	-23	-17	-11	-11	-8	-6	-6	-7	-8	-9	-10	-12	-13	-15	-15	-15
-15	-14	-14	-13	-14	-12	-12	-12	-9	-3	8	14	9	5	1	1	2	2	2
3	2	0	-3	0	-2	-2	-4	-1	-1	-1	-1	0	-1	-6	-16	-23	-22	-22
1	13	10	12	10	12	12	12	11	-5	-8	-12	-14	-13	-2	8	8	8	8
9	9	5	2	5	-4	-4	-3	12	15	27	24	5	-13	-2				

IIP217 71-108.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 196 3345 WILSHIRE BOULEVARD, BASEMENT, LOS ANGELES, CAL. CCMF S00W 34 03 45N, 118 17 43W
INSTR PERIOD = 0.048 SEC DAMPING = 0.555 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -108.3 CM/SEC/SEC AT 4.32 SEC VELO = -14.8 CM/SEC AT 6.50 SEC DISP = -9.9 CM AT 7.78 SEC

2097 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = 0.11305 CM/SEC					INITIAL DISP = -0.27323 CM														
73	14	15	139	133	65	-2	-37	13	54	64	73	10	-78	-130	-85	11	86	60	-26
-64	-76	-74	-40	-5	-21	-25	6	-45	-69	-86	-21	60	23	-72	-140	-62	-28	-79	-43
44	146	149	25	-76	-180	-204	-103	-39	-69	-107	-70	-33	16	96	161	192	216	230	139
33	8	-28	-81	-152	-272	-357	-285	-93	135	-326	390	333	262	232	239	142	13	68	157
164	43	-200	-466	-458	-196	3	-58	-213	-268	-218	-50	124	244	267	286	358	425	369	152
-68	-83	16	55	20	-40	-173	-402	-573	-478	-148	149	381	500	443	276	135	-7	0	61
-205	-500	-818	-1058	-828	-417	-59	307	567	718	774	628	425	232	445	-98	-169	-126	-151	-311
-438	-483	-265	72	292	368	183	40	38	32	-138	-335	-446	-275	92	400	409	330	181	-54
-350	-559	-457	-287	-233	-236	-156	19	92	-80	-370	-333	97	412	588	637	555	335	122	-71
-237	-343	-354	-347	-251	-147	-81	-87	-158	-118	82	445	755	800	704	613	539	420	267	196
302	472	667	738	695	564	368	175	-21	-245	-462	-552	-479	-515	-766	-1080	-1083	-943	-846	-742
-553	-246	169	399	300	187	176	166	215	358	385	175	-100	-308	-345	-397	-448	-459	-335	-68
236	320	44	-175	2	525	714	615	292	-65	-284	-73	259	394	273	161	97	170	206	36
-207	-422	-465	-232	-133	-223	-344	-376	-353	-317	-300	-348	-346	-144	122	249	133	58	156	268
319	260	113	-15	-107	-149	-202	-231	-148	55	240	362	290	169	160	281	277	82	-113	-2974
-399	-339	-260	-199	-214	-313	-395	-399	-366	-530	-780	-916	-920	-705	-483	-272	-111	120	344	282
47	-112	-288	-335	-195	-5	159	190	120	47	20	151	329	381	332	449	626	702	608	536
626	760	840	709	405	228	100	-98	-354	-512	-556	-535	-577	-653	-594	-383	-164	-107	-169	-156
-27	57	132	165	174	145	31	-178	-270	-162	-36	-60	-249	-422	-466	-376	-232	-76	69	211
359	513	647	740	751	658	564	476	462	496	490	401	233	86	-3	-11	93	171	149	145
158	131	63	67	134	188	236	239	196	151	170	208	177	138	182	280	354	339	254	202
146	41	-88	-215	-338	-440	-479	-434	-366	-268	-133	-42	-18	70	154	180	141	152	200	188
125	74	69	85	24	-80	-161	-168	-124	-88	-58	-56	-107	-149	-129	-130	-190	-218	-161	-34
48	110	140	115	117	142	136	56	-17	-21	5	10	-10	-27	-45	-62	-56	-52	-106	-153
-106	-43	-1	17	4	-15	-21	18	57	47	-17	-17	-201	-254	-278	-307	-319	-269	-99	-97
-333	-385	-373	-291	-222	-137	-20	82	129	66	-41	-123	-192	-234	-243	-203	-133	-86	-99	-258
-55	-34	-27	-8	55	87	92	68	24	-11	-32	-37	-26	-15	-22	-14	17	41	60	59
23	-15	-41	-56	-58	-21	45	81	78	66	96	172	210	198	146	94	92	119	140	110
79	63	56	24	-32	-41	6	21	-3	-31	-22	0	-10	-15	37	107	155	164	164	164
163	156	118	57	-33	-121	-184	-185	-128	-65	-5	31	42	43	63	124	197	250	251	238
262	314	332	290	242	224	214	140	29	-26	-48	-75	-113	-165	-187	-152	-116	-101	-93	-75
-25	9	17	20	-4	-35	-57	-42	-21	-61	-115	-163	-200	-217	-216	-188	-176	-182	-208	-260
-294	-319	-309	-276	-255	-249	-226	-207	-195	-163	-127	-100	-78	-66	-84	-130	-174	-193	-207	-204
-196	-197	-196	-194	-188	-177	-163	-171	-193	-199	-158	-65	26	13	-27	-39	-53	-89	-140	-151
-127	-107	-87	-56	-5	95	214	286	308	331	370	405	401	388	379	382	409	430	433	436
436	436	434	425	394	330	275	246	242	220	169	113	57	6	-23	-42	-48	-35	-29	-54
-102	-135	-122	-76	-25	35	49	24	3	-9	20	69	102	102	91	71	51	53	64	46
-46	-165	-203	-157	-70	43	97	58	26	7	-8	-8	23	44	47	46	47	42	6	-55
-94	-90	-35	20	61	49	6	-36	-55	-58	-59	-55	-36	-3	22	-9	-59	-75	-80	-81
-101	-110	-111	-116	-136	-171	-198	-202	-186	-184	-189	-198	-172	-147	-135	-130	-147	-171	-193	-216

-229	-229	-225	-217	-212	-212	-206	-190	-177	-185	-200	-168	-88	-30	-5	1	14	28	40	42
42	48	63	61	47	58	70	71	70	85	103	108	110	139	192	229	246	245	246	257
287	295	256	216	203	203	186	176	143	141	139	145	164	171	151	137	123	117	122	132
136	128	119	94	29	-42	-76	-76	-86	-104	-109	-97	-100	-122	-138	-123	-85	-55	-50	-68
-81	-82	-43	-45	-47	-84	-119	-136	-109	-76	-63	-74	-73	-52	-32	-22	-16	2	22	5
-33	-51	-43	-10	15	-2	-57	-77	-72	-59	-51	-41	-30	-19	-9	3	22	44	59	71
83	96	109	114	90	60	47	44	42	40	38	35	42	58	73	76	65	54	46	48
63	75	82	80	77	73	73	70	41	-19	-60	-83	-80	-66	-56	-42	-29	-18	-16	-15
-4	9	-6	-35	-49	-34	-11	-7	-19	-26	-25	-22	-12	-10	-13	-15	-11	1	-4	-26
-31	-10	-3	-29	-51	-56	-57	-58	-69	-95	-86	-56	-36	-23	-34	-50	-51	-40	-35	-37
-40	-37	-36	-51	-82	-105	-104	-102	-136	-168	-160	-114	-86	-76	-73	-62	-54	-49	-39	-22
-10	-7	1	36	59	63	70	63	46	41	42	42	42	51	80	97	72	43	27	22
29	50	74	88	60	28	19	37	64	83	74	43	9	-25	-36	-12	12	13	0	-5
20	65	90	106	102	92	85	88	106	88	47	24	8	-2	-29	-64	-71	-72	-79	-70
-36	-5	20	39	46	52	55	53	36	9	-11	-11	11	36	53	51	17	-40	-85	-98
-93	-75	-74	-73	-62	-31	-10	-11	-16	-16	-16	-16	-16	-14	-3	13	27	40	49	54
51	29	-5	-37	-29	-8	-16	-41	-53	-63	-67	-69	-72	-75	-77	-77	-70	-62	-56	-50
-54	-65	-73	-67	-43	-23	-31	-48	-48	-21	20	45	64	74	83	88	91	88	79	73
82	101	111	98	78	62	57	69	79	79	67	63	65	54	38	31	29	34	39	49
58	70	83	85	68	60	61	61	61	61	60	54	38	4	-34	-61	-82	-94	-90	-67
-51	-51	-59	-58	-56	-59	-67	-64	-55	-49	-51	-58	-57	-51	-46	-39	-33	-26	-19	-9
2	12	20	21	20	14	5	-1	4	12	17	10	-10	-21	-29	-28	-13	3	22	40
45	22	2	-4	-7	-1	6	12	19	19	8	-3	-19	-36	-31	-18	-11	-10	-13	-17
-28	-44	-66	-88	-91	-79	-69	-60	-52	-43	-35	-35	-47	-58	-63	-62	-62	-58	-52	-46
-40	-38	-43	-48	-47	-38	-38	-43	-46	-49	-44	-32	-12	11	30	37	39	33	17	-7
-21	-16	22	46	52	62	69	68	50	36	26	17	20	38	49	55	58	52	42	34
27	24	30	35	33	33	36	30	14	6	7	7	9	11	14	20	32	41	41	41
35	23	11	11	14	10	-26	-55	-54	-52	-48	-51	-54	-52	-47	-39	-26	-18	-15	-16
-23	-31	-31	-19	-16	-27	-31	-17	1	10	3	-6	-13	-16	-11	-2	8	18	23	23
24	24	22	12	-3	-12	-7	6	16	29	41	39	16	-3	-11	-11	-13	-14	-6	11
17	17	17	15	6	-2	3	19	33	45	40	24	20	23	25	25	22	20	22	27
33	41	52	64	75	80	70	65	74	81	77	63	58	56	54	55	57	59	59	51
40	30	21	13	5	-2	-4	-4	-4	-4	-5	-8	-11	-15	-23	-31	-33	-24	-15	-17
-24	-30	-35	-40	-41	-33	-28	-29	-32	-33	-24	-7	5	16	15	5	1	7	8	-1
-9	-16	-21	-25	-26	-23	-18	-14	-16	-23	-29	-33	-25	-12	-1	2	-4	-9	-9	-6
-5	-5	-13	-24	-33	-36	-35	-35	-35	-35	-35	-35	-35	-34	-31	-29	-29	-31	-33	-33
-22	-10	-11	-9	-3	4	10	10	4	-2	-7	-3	16	38	54	38	5	-34	-85	-126
-157	-146	-86	-14	41	61	63	62	59	41	20	8	15	20	19	16	-3	-85	-158	-171
-172	-167	-140	-82	-13	20	6	-20	-20	15	48	52	33	16	-3	-30	-65	-94	-114	-103
-74	-53	-35	-15	2	18	26	28	34	43	38	47	57	54	34	27	25	26	30	34
38	38	35	35	43	53	59	62	59	39	15	22	63	88	77	65	67	66	73	92
80	46	32	30	39	30	9	-4	3	11	22	22	19	22	24	16	6	-1	0	14
28	38	38	27	17	8	0	-4	-1	2	2	-1	-2	8	21	15	-2	-4	-5	-11
-27	-43	-60	-63	-53	-50	-64	-80	-55	-1	23	41	51	58	45	26	3	-20	-38	-44
-49	-48	-44	-49	-58	-62	-46	-20	0	19	34	32	20	9	-9	-25	-41	-55	-62	-53
-42	-36	-40	-47	-52	-53	-32	-1	19	32	32	14	7	7	-3	-23	-50	-58	-44	-37
-33	-32	-32	-39	-53	-53	-26	0	25	50	66	53	29	13	0	-9	-15	-14	-13	-3
17	29	32	35	35	59	32	30	27	17	12	0	-13	-20	-20	-17	-5	8	20	30
37	36	32	36	46	59	86	103	81	53	29	21	34	43	36	19	6	-3	-3	6
15	22	28	31	27	21	17	13	1	-3	6	15	18	18	25	35	27	8	6	4

1	-5	-10	-14	-13	-6	7	16	24	33	39	32	20	9	-2	-12	-15	-13	-7	2
9	6	-2	-7	-10	-14	-22	-27	-20	-14	-10	-7	-5	-6	-10	-21	-30	-38	-43	-41
-36	-32	-26	-21	-15	-14	-17	-20	-21	-20	-20	-18	-15	-13	-12	-12	-12	-12	-13	-17
-14	-6	1	5	2	0	-1	3	10	11	7	2	-2	-7	-12	-17	-23	-28	-32	-28
-19	-13	-9	-4	-4	-12	-20	-28	-30	-22	-11	-2	8	18	29	39	45	38	27	18
11	5	-1	-6	-8	-8	-6	-1	-5	-12	-12	-2	7	14	10	0	-2	8	16	10
3	-4	-11	-17	-18	-12	-7	-2	0	3	6	11	17	19	11	4	-3	-7	-12	-17
-22	-23	-17	-10	-4	3	10	17	24	26	25	16	1	-13	-21	-25	-15	6	20	22
8	1	8	15	15	14	10	2	-8	-18	-28	-32	-30	-22	-11	-4	-1	2	6	9
7	-1	-8	-17	-25	-33	-34	-30	-28	-26	-26	-24	-16	-3	8	14	10	5	4	13
24	34	40	36	31	26	23	21	27	35	42	45	45	46	46	42	27	11	-3	-5
7	17	21	16	11	8	8	8	11	15	19	23	21	10	-1	-12	-18	-22	-27	-31
-34	-35	-30	-25	-22	-27	-32	-37	-41	-37	-24	-15	-17	-26	-34	-41	-42	-42	-41	-41
-41	-41	-40	-40	-40	-40	-40	-39	-39	-38	-36	-26	-10	6	21	31	33	34	36	38
37	30	20	13	10	13	15	16	8	-6	-19	-28	-27	-22	-15	-6	0			

IIP217 71.108.0
STATION NO. 196
INSTR PERIOD = 0.047 SEC
DAMPING = 0.549
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
3345 WILSHIRE BOULEVARD, BASEMENT, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP N90E 34 03 45N, 118 17 43W

PEAK VALS ACLN = -88.2 CM/SEC/SEC AT 7.62 SEC VELO = -16.2 CM/SEC AT 7.70 SEC DISP = 9.1 CM AT 6.38 SEC

INITIAL VELO = -1.25597 CM/SEC INITIAL DISP = -0.25057 CM
2097 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-39	2	-38	-57	-18	17	96	122	43	-5	-15	-22	-36	-29	4	-17	-72	-55	7	22
40	21	-47	-49	14	23	22	35	0	-35	-17	-12	-16	-23	-35	-18	11	11	25	38
22	-32	-47	10	92	97	40	1	-15	-34	-18	33	19	-18	-55	-114	-139	-95	0	85
147	168	139	113	105	144	209	270	278	244	247	252	310	437	495	242	-181	-479	-701	-733
-411	-57	-41	-410	-621	-568	-375	-230	-233	-226	-302	-308	-190	56	151	58	-102	-170	-58	100
279	385	264	149	217	441	465	320	169	129	101	102	44	15	58	285	505	504	249	136
175	146	-17	-266	-383	-300	-294	-310	-238	27	189	136	29	52	188	223	73	-182	-318	-352
-411	-506	-528	-358	-184	-143	-179	-142	5	212	260	270	165	-97	-251	-138	116	236	198	91
15	-1	7	26	197	435	487	464	406	314	249	274	424	493	472	414	342	295	273	319
267	172	-1	-189	-235	-62	214	267	31	-120	-131	-41	101	119	142	182	144	17	-134	-341
-577	-765	-774	-676	-469	-261	-214	-216	-143	-16	-127	-389	-452	-463	-516	-523	-430	-378	-457	-438
-141	156	215	241	402	450	348	285	239	181	197	420	545	490	369	265	180	307	429	229
-147	-272	-36	380	642	520	42	-129	-160	-16	160	333	349	169	-150	-421	-587	-626	-508	-467
-634	-735	-503	-116	27	-38	-55	30	62	102	119	132	125	109	10	-85	13	287	531	620
551	448	328	199	51	-96	-116	12	-105	-253	-206	-212	-266	-145	-4	-34	-131	-173	-80	60
205	311	312	283	202	63	-1	11	65	61	-149	-383	-369	-252	-216	-232	-329	-438	-513	-477
-359	-249	-157	-130	-153	-200	-205	-201	-224	-314	-457	-583	-561	-830	-292	-120	163	441	610	644
564	415	222	135	126	15	-211	-305	-219	-68	-107	-307	-382	-278	-156	-122	83	316	265	11
-217	-173	-94	-73	-165	-247	-187	0	116	59	-162	-244	-51	241	295	76	-141	-253	-307	-543
-816	-882	-691	-469	-196	45	162	320	441	402	324	233	125	38	5	-33	-29	24	65	127
247	327	336	302	349	453	393	231	70	-51	-77	-63	-33	19	87	131	78	28	17	-16
-44	-78	-104	-81	-41	10	68	61	7	-85	-138	-62	56	118	146	196	315	405	380	336
336	299	164	26	62	170	204	115	42	105	184	205	226	237	246	259	266	232	184	102
14	-47	-59	-59	-96	-177	-244	-307	-357	-342	-302	-267	-257	-287	-289	-199	-83	-23	36	138
185	128	63	28	53	65	73	77	70	103	183	265	325	309	299	333	382	406	404	383
336	272	243	218	209	194	164	140	134	156	212	269	307	293	207	76	21	19	-18	-81
-106	0	161	196	128	99	88	-19	-75	-45	-10	20	37	20	-25	-78	-126	-159	-174	-175
-180	-198	-209	-201	-188	-199	-222	-229	-194	-114	-40	-51	-89	-90	-44	-15	-36	-49	-50	-52
-71	-85	-68	-54	-51	-79	-122	-160	-130	-89	-60	-34	-12	-25	-102	-176	-175	-168	-234	-299
-347	-390	-379	-340	-320	-300	-287	-303	-352	-393	-417	-429	-429	-410	-391	-368	-353	-338	-320	-280
-231	-226	-264	-300	-287	-226	-170	-115	-61	-13	11	-8	-33	-27	8	39	34	3	-16	-3
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IIP217 71-108.0
STATION NO. 196
INSTR PERIOD = 0.047 SEC
DAMPING = 0.558
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
3345 WILSHIRE BOULEVARD, BASEMENT, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 03 45N, 118 17 43W

PEAK VALS	ACLN =	60.2	CM/SEC/SEC AT 4.06 SEC	VELO =	7.1	CM/SEC AT 8.28 SEC	DISP =	-4.6	CM AT 7.04 SEC
2099 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = 1.45519 CM/SEC INITIAL DISP = -0.10525 CM									
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32	-170	-206	-155	-58	-110	-188	-40	141	174
55	-156	-311	-365	-308	-109	37	62	43	45
40	24	-18	-6	41	54	87	106	-24	-201
153	206	119	73	157	118	7	-57	-66	7
-81	-32	38	79	35	-30	-119	-210	-251	-187
-112	-41	71	245	233	144	98	-1	-115	-182
-47	67	-3	-127	-195	-153	47	211	251	281
-32	-203	-254	-146	27	66	26	67	145	256
-476	-197	473	602	126	-233	-65	252	315	202
-212	43	203	18	-236	-247	-201	-213	-245	-219
111	13	-119	-196	-154	-29	19	38	74	112
230	108	-54	-201	-237	-48	246	356	295	131
-292	-134	-31	-67	-229	-245	-22	169	97	-25
-168	-220	-242	-139	54	152	67	-60	-59	85
-25	196	347	369	232	132	36	-116	-252	-215
-28	-37	-41	-7	177	311	281	132	48	98
79	59	18	0	70	128	170	132	36	-14
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75	78	83	48	-11	-45	-54	-78	-102	-110
-139	-138	-124	-81	-40	-23	-35	-33	-31	-82
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-68	-96	-103	-91	-98	-146	-172	-159	-133	-157
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16	30	33	13	-8	-17	-22	-41	-47	-23	1	3	-7	-14	-16	-15	-16	-15	-16	-21
-32	-32	-16	4	27	31	3	-24	-39	-40	-27	-17	-14	-41	-71	-77	-54	-28	-15	-19
-17	-3	7	0	-2	5	8	-1	-19	-34	-30	7	8	-20	-33	-42	-34	-19	-6	8
23	39	47	37	22	4	-14	-12	4	15	9	-5	-4	15	22	8	1	14	34	37
24	21	25	23	6	-12	-4	23	44	45	32	24	19	20	16	5	-5	-5	-5	-5
-4	2	16	13	4	-2	1	9	5	-6	-7	3	12	18	23	25	15	0	-8	1
13	24	35	43	46	41	20	-9	-13	1	12	17	9	0	-4	-4	-4	-3	5	15
14	-2	-17	-21	-20	-21	-20	-20	-20	-20	-20	-21	-23	-30	-37	-44	-49	-45	-32	-21
-15	-24	-36	-42	-35	-27	-21	-20	-20	-17	-9	0	9	14	14	14	19	34	46	46
46	42	31	18	13	14	14	14	14	13	10	2	-5	-5	12	28	41	35	19	9
8	-7	-32	-28	-4	7	12	11	5	-2	-11	-15	-7	7	14	14	14	14	14	12
9	7	4	1	-2	-6	-8	-7	-2	3	9	13	15	14	15	20	31	40	43	32
20	9	-2	-13	-24	-31	-24	-12	-4	-4	-8	-6	3	10	-1	-17	-19	-18	-18	-18

[illegible]

IIP218 71.109.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 197 3345 WILSHIRE BOULEVARD, 2ND FLOOR, LOS ANGELES, CAL. COMP SOOW 34 03 45N, 118 17 43W
INSTR PERIOD = 0.049 SEC DAMPING = 0.551 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACN = -144.4 CM/SEC/SEC AT 2.48 SEC VELO = 17.9 CM/SEC AT 4.22 SEC DISP = -8.0 CM AT 8.00 SEC

INITIAL VELO = -1.73268 CM/SEC INITIAL DISP = -0.15798 CM

2096 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

95	25	29	62	169	251	177	-5	-121	-45	70	161	185	149	9	-156	-199	-105	77	211
146	-85	-271	-251	-143	-28	63	160	101	-155	-348	-273	-56	149	186	-10	-259	-262	-147	-47
20	147	260	220	-41	-244	-235	-104	56	86	-113	-220	-186	-117	-27	102	301	453	418	294
157	53	-23	-71	-132	-263	-428	-495	-485	-343	-74	267	528	491	359	234	202	242	213	54
19	-34	-197	-361	-445	-345	-32	331	365	101	-172	-206	-157	-144	-24	131	305	485	548	450
238	-8	-57	-3	-30	-120	-220	-343	-515	-635	-471	-118	289	611	814	866	727	176	-230	-235
-82	-80	-549	-1284	-1444	-951	-375	84	613	1145	1266	1166	837	360	306	376	255	-273	-704	-726
-744	-589	-398	-139	271	642	1028	1111	627	161	188	2	-580	-952	-942	-601	21	484	611	559
501	560	214	-380	-580	-366	-303	-656	-795	-631	-456	-336	-332	-284	41	467	853	973	674	138
-114	-372	-828	-852	-603	-298	-138	-23	10	-76	-166	20	448	814	1001	1024	877	529	232	186
143	113	285	599	869	987	913	740	547	395	252	-149	-534	-549	-450	-628	-1082	-1356	-1218	-939
-697	-458	-219	41	333	515	390	11	-194	-95	32	146	43	-338	-574	-598	-657	-827	-781	-583
-282	106	494	553	4	-570	-360	338	772	1142	962	363	-312	-294	-42	118	234	385	639	773
708	338	-261	-560	-333	114	322	116	-388	-700	-653	-454	-326	-357	-376	-175	171	485	543	169
-159	-74	172	310	155	-283	-559	-538	-531	-656	-580	-311	157	374	343	170	49	107	215	228
17	-404	-614	-554	-374	-342	-430	-459	-374	-191	-128	-337	-756	-963	-675	-166	90	146	138	210
302	268	30	-345	-559	-492	-203	149	476	597	423	124	-75	-64	-16	22	94	307	632	776
646	346	193	428	813	1034	866	369	-85	-406	-697	-796	-615	-448	-420	-371	-321	-249	-213	-238
-141	155	471	524	331	205	166	97	-132	-419	-458	-292	-98	-179	-470	-754	-763	-532	-176	212
289	251	323	490	656	708	627	469	406	469	492	363	194	111	57	-11	-57	15	152	235
291	359	444	433	344	262	242	264	320	425	453	339	204	160	139	135	162	303	492	572
504	315	121	-65	-175	-218	-242	-352	-568	-757	-766	-653	-456	-269	-114	63	220	262	174	5
-30	51	91	18	-108	-183	-243	-320	-378	-369	-270	-166	-88	-60	-97	-130	-114	-75	-61	-66
-10	113	208	275	301	218	62	19	80	120	134	208	382	492	404	197	-25	-163	-185	-157
-169	-256	-292	-176	22	130	149	118	103	100	105	59	-139	-420	-576	-565	-500	-514	-564	-512
-349	-286	-351	-430	-460	-407	-283	-128	11	100	107	23	-115	-257	-342	-352	-213	-32	24	-9
-88	-99	-65	-63	-10	190	380	497	463	331	141	-40	-100	-69	18	93	137	160	164	141
109	86	127	214	244	206	135	97	87	54	12	20	96	171	179	135	40	12	78	164
198	152	92	36	-36	-114	-159	-168	-167	-177	-154	-92	-28	-24	-39	-3	141	267	304	285
258	245	201	127	48	-21	-73	-115	-133	-80	10	86	110	116	158	228	292	337	362	376
380	386	399	430	396	274	165	148	150	118	38	-62	-107	-109	-128	-152	-156	-120	-88	-65
-62	-63	-64	-65	-48	-12	8	-40	-100	-117	-99	-90	-159	-269	-329	-346	-334	-302	-271	-252
-249	-279	-337	-367	-360	-336	-301	-262	-237	-238	-239	-231	-198	-142	-79	-35	-21	-52	-132	-235
-266	-253	-221	-200	-200	-181	-177	-182	-194	-228	-258	-214	-58	87	158	104	-1	-72	-117	-165
-201	-219	-187	-146	-115	-83	-42	26	158	309	377	420	446	451	428	358	315	306	286	286
299	327	340	355	375	405	414	392	374	367	356	335	285	189	109	50	21	13	26	47
65	32	-56	-95	-78	-30	47	117	129	101	51	-12	-55	-107	-142	-140	-126	-121	-117	-101
-103	-155	-244	-287	-227	-135	-65	-54	-90	-137	-141	-102	-36	10	46	85	113	132	133	86
-56	-140	-119	-48	72	180	195	155	117	97	67	57	80	119	168	194	160	21	-105	-139
-98	-37	-12	-6	-27	-69	-117	-179	-231	-217	-180	-149	-124	-126	-161	-245	-341	-361	-345	-329

-313	-310	-331	-363	-383	-381	-348	-296	-268	-250	-272	-265	-178	-52	23	41	64	73	70
61	44	35	40	46	66	114	184	191	164	199	236	266	300	352	404	432	431	407
389	395	427	427	384	336	280	224	180	141	95	103	129	161	152	115	92	102	122
139	141	134	99	43	-27	-114	-209	-253	-231	-191	-161	-144	-159	-191	-198	-167	-115	-83
-71	-71	-83	-106	-122	-122	-116	-134	-153	-155	-97	-70	-106	-122	-71	-1	45	69	64
51	31	8	-5	1	15	21	9	-15	-45	-39	-32	-19	20	54	61	62	62	64
58	48	54	69	74	72	54	25	-5	-27	-41	-45	-30	-12	15	35	22	5	-2
0	18	47	59	65	68	63	55	55	58	-5	-54	-75	-50	-21	-18	-13	6	35
54	57	57	50	20	-13	-5	27	50	9	-83	-77	-69	-63	-56	-46	-43	-30	-18
-18	-22	-30	-37	-40	-59	-92	-129	-154	-161	-161	-156	-122	-63	-15	-20	-40	-44	-29
-24	-26	-29	-30	-41	-84	-132	-169	-179	-175	-157	-110	-59	-31	-29	-33	-32	-27	-10
26	47	18	-8	20	61	74	70	69	69	59	65	69	59	70	103	127	115	49
-5	-7	15	51	89	109	110	90	60	39	80	86	72	60	22	-22	-49	-41	-17
4	39	88	127	129	112	113	123	140	150	115	35	-22	-37	37	-37	-41	-42	-52
-70	-83	-60	8	61	84	87	80	72	42	-21	-27	-21	2	37	43	12	-46	-96
-103	-96	-73	-46	-34	-19	-3	8	-4	-40	-62	-46	-8	41	33	11	-3	24	59
79	78	63	25	-31	-65	-47	-24	-9	-5	-34	-79	-116	-117	-94	-57	-38	-30	-29
-47	-67	-85	-81	-62	-47	-36	-25	-29	-54	-80	-40	20	43	51	62	82	97	86
54	37	57	104	131	125	84	18	-10	18	100	118	122	114	57	59	37	40	49
76	110	130	118	93	70	63	89	114	119	104	89	58	1	-48	-94	-131	-143	-133
-109	-87	-78	-85	-95	-94	-93	-92	-91	-89	-92	-104	-114	-117	-115	-116	-118	-109	-76
-47	-30	-14	2	16	28	34	30	23	12	8	-1	-27	-48	-53	-34	-9	20	48
76	96	106	93	55	22	17	24	44	65	38	0	-41	-61	-50	-14	28	58	54
29	-11	-61	-100	-121	-109	-88	-70	-62	-66	-80	-87	-98	-101	-84	-73	-74	-76	-79
-85	-92	-99	-102	-89	-69	-63	-63	-62	-60	-41	-14	23	54	73	88	96	78	36
-16	-30	3	45	87	116	113	118	115	108	91	73	92	108	112	95	58	24	-3
-7	8	30	51	53	39	20	4	-9	-19	-22	-7	6	-1	-43	-56	-57	-51	-35
-7	13	2	-8	-19	-28	-41	-61	-78	-77	-73	-80	-108	-95	-62	-28	-7	4	19
17	3	0	2	5	-8	-26	-25	-10	14	15	10	13	18	21	24	31	38	36
35	33	17	-16	-41	-54	-59	-47	-22	6	20	29	11	-6	-15	-20	-21	-21	-16
-13	-15	-16	-11	-7	-2	19	47	59	61	55	44	33	29	31	36	37	34	34
34	36	46	67	87	103	111	115	116	113	105	89	78	80	81	80	77	79	88
91	86	74	57	40	24	8	0	2	1	-6	-17	-25	-27	-26	-25	-21	-13	-12
-23	-33	-42	-50	-54	-57	-57	-56	-55	-55	-57	-52	-27	3	18	17	18	17	7
-9	-18	-24	-29	-33	-36	-35	-29	-19	-7	1	6	11	25	35	38	32	13	-8
-14	-9	-6	-9	-16	-23	-32	-34	-21	-11	-11	-10	-20	-29	-34	-39	-41	-42	-41
-37	-31	-26	-33	-42	-21	3	11	11	7	-20	-46	11	58	61	56	43	6	-76
-179	-224	-193	-50	96	128	155	137	96	45	17	24	97	123	117	52	-70	-155	-204
-227	-190	-142	-77	-11	36	49	37	11	15	65	110	88	44	-15	-89	-173	-220	-210
-147	-63	11	41	12	-16	-1	35	69	67	57	43	18	12	-5	-32	-29	12	57
84	88	71	51	41	57	94	116	94	67	46	42	48	53	61	81	110	128	126
109	92	74	52	42	41	17	-30	-69	-86	-21	10	19	19	16	13	11	8	5
-6	-25	-26	-11	-12	-30	-45	-56	-45	-22	7	8	15	23	17	-1	-25	-37	-42
-40	-41	-49	-64	-83	-86	-55	-39	-34	-33	30	62	82	89	71	39	6	-32	-62
-76	-80	-72	-61	-56	-78	-97	-93	-55	-13	24	46	32	9	-19	-52	-81	-99	-109
-102	-92	-91	-103	-109	-94	-51	-5	26	42	31	7	-19	-36	-53	-73	-93	-79	-79
-61	-54	-44	-28	-14	-6	5	19	35	47	64	64	46	12	-20	-26	-10	0	11
22	34	34	27	19	13	16	21	23	24	-15	-31	-35	-36	-26	-32	-19	0	18
28	28	29	32	37	48	71	85	81	67	8	25	19	32	34	19	15	14	16
17	19	26	41	53	54	48	36	17	5	28	48	49	24	13	9	10	7	-1

0	6	6	0	-15	-34	-49	-52	-41	-12	8	15	17	13	6	-7	-19	-29	-25	-15
-7	-13	-30	-52	-58	-43	-31	-24	-18	-4	13	21	12	1	-5	-6	-9	-16	-27	-36
-47	-58	-55	-27	1	21	15	0	-7	-5	0	4	8	11	3	-17	-35	-44	-42	-37
-35	-32	-19	3	18	21	22	23	23	19	10	2	-5	-11	-17	-19	-20	-21	-21	-17
-6	4	9	10	13	17	19	13	0	-8	-6	0	16	29	32	34	39	39	36	43
59	62	43	35	23	3	-14	-20	-9	-4	-13	-17	-17	-11	1	15	19	20	19	10
-4	-20	-31	-29	-24	-13	-3	-4	-9	-14	1	22	34	38	33	28	15	0	-6	-11
-24	-35	-30	-18	-10	-6	3	17	39	56	56	47	38	19	-6	-16	-28	-41	-32	8
34	29	13	14	18	27	44	45	30	23	2	-30	-70	-83	-72	-47	-13	12	19	13
4	10	12	13	6	-12	-33	-54	-76	-94	-105	-96	-66	-27	5	29	34	29	31	40
55	62	58	44	29	8	-9	-14	-2	20	46	61	75	85	84	74	56	38	23	13
13	18	22	22	18	9	1	12	31	53	65	66	64	48	14	-17	-40	-49	-37	-30
-37	-45	-46	-40	-30	-23	-19	-20	-29	-30	-24	-31	-39	-46	-48	-54	-61	-62	-60	-46
-32	-24	-21	-18	-19	-22	-23	-23	-28	-32	-27	-18	-8	7	23	33	39	46	53	55
49	42	32	20	11	8	0	-9	-19	-27	-32	-33	-24	-13	-11	-7				

IIP218 71.109.0
 STATION NO. 197
 INSTR PERIOD = 0.049 SEC DAMPING = 0.580
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 3345 WILSHIRE BOULEVARD, 2ND FLOOR, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP N90E 34 03 45N, 118 17 43W

PEAK VALS ACIN = -101.1 CM/SEC/SEC AT 7.64 SEC VELO = -20.8 CM/SEC AT 7.72 SEC DISP = 11.0 CM AT 11.70 SEC

2098 INSTRUMENT AND BASELINE CORRECTED DATA		IN MM/SEC/SEC		AT EQUALLY-SPACED INTERVALS OF		0.02 SEC.													
INITIAL VELO = -0.84719 CM/SEC		INITIAL DISP = -0.18311 CM																	
32	-99	-66	-46	9	41	47	69	79	29	4	14	43	46	1	-48	-84	-121	-95	6
64	89	104	51	-45	-55	-21	-26	-13	-9	-39	-75	-80	-23	34	49	45	28	-11	-64
-55	9	-6	-33	5	72	133	108	33	-15	-57	-79	-36	3	-23	-31	-57	-124	-129	-20
106	157	157	111	50	34	73	142	213	259	247	199	185	249	380	552	617	402	-242	-679
-814	-718	-362	17	132	-170	-636	-625	-388	-199	-86	-115	-229	-432	-472	-377	-327	-252	-144	-95
-119	-25	146	345	419	242	133	215	219	218	253	357	401	389	329	219	209	476	756	870
665	376	209	258	150	-135	-424	-475	-419	-367	-313	-77	248	345	171	-74	-138	-118	-124	-257
-502	-747	-900	-959	-890	-678	-386	-104	18	4	-36	49	208	364	441	371	151	-307	-278	63
302	437	446	383	215	43	88	284	571	753	677	420	108	-23	173	480	719	706	369	113
-20	19	163	236	234	9	-305	-417	-292	46	287	221	-6	-176	-165	-25	109	225	348	380
150	-247	-674	-839	-702	-680	-297	-240	-322	-322	-227	-67	47	-41	-282	-509	-784	-928	-880	-780
-756	-666	-430	-64	243	330	425	568	665	458	167	-23	-11	136	286	362	380	323	306	502
717	863	580	48	7	255	606	736	597	172	-16	121	246	341	391	408	217	-196	-692	-1007
-1000	-826	-726	-732	-636	-426	-299	-336	-295	-175	-72	3	49	47	-61	-214	-320	-359	-308	-103
167	463	675	705	597	421	334	309	343	387	298	128	-42	-48	-98	-181	-94	96	266	310
305	311	313	323	300	202	135	105	-18	-259	-437	-389	-429	-628	-773	-619	-419	-417	-485	-581
-621	-626	-600	-539	-433	-398	-390	-364	-281	-222	-252	-294	-362	-413	-393	-299	-182	-47	234	541
708	849	904	894	775	599	518	446	247	-133	-375	-274	-267	-377	-471	-354	-86	154	314	607
692	-448	-55	-321	-342	-471	-759	-880	-759	-433	-240	-267	-304	-216	15	312	441	150	-440	-629
-756	-931	-1011	-947	-704	-303	21	329	532	616	710	781	824	842	772	495	133	-90	-144	-186
-209	-140	50	305	552	698	812	899	961	853	525	152	-108	-460	-543	-504	-375	-183	-50	-29
27	81	74	31	0	-25	-31	-119	-292	-481	-573	-585	-554	-434	-176	186	405	470	480	502
519	439	323	267	205	72	-31	10	120	200	228	257	394	555	640	636	546	471	480	424
311	181	24	-122	-239	-226	-126	-106	-175	-286	-354	-379	-375	-387	-434	-516	-538	-451	-352	-285
-224	-140	-39	44	47	-27	-127	-147	-121	-43	41	93	125	143	140	158	239	387	602	821
862	833	726	596	466	330	251	234	255	312	399	470	487	484	470	446	320	100	-61	-124
-155	-159	-139	-102	-97	-194	-256	-261	-249	-241	-222	-134	-23	7	-79	-230	-409	-527	-536	-459
-309	-199	-126	-104	-88	-96	-117	-138	-137	-68	122	258	256	213	125	72	69	79	82	92
107	116	83	56	49	26	-41	-119	-164	-145	-78	-43	-42	-84	-146	-229	-305	-352	-330	-316
-376	-478	-538	-533	-505	-489	-507	-525	-514	-493	-493	-504	-496	-465	-423	-384	-352	-323	-315	-305
-284	-252	-221	-222	-253	-258	-211	-143	-63	23	82	108	90	36	-12	-13	28	47	31	-6
-24	3	55	110	160	194	195	197	201	200	188	154	78	33	53	89	124	145	156	168
188	237	286	277	218	170	166	219	269	293	303	298	241	183	164	155	156	145	147	181
198	183	149	119	147	187	192	147	112	87	80	74	28	-20	-50	-84	-117	-148	-125	-70
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83	67	67	69	69	64	50	41	42	33	16	10	-2	-47	-81	-104	-103	-83	-82	-87
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IIP219 71.110.0
STATION NO. 198
INSTR PERIOD = 0.047 SEC DAMPING = 0.555
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
3345 WILSHIRE BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER 34 24 00N-118 23 42W
COMP SOOM 34 03 45N-118 17 43W

PEAK VALS ACIN = -193.6 CM/SEC/SEC AT 8.78 SEC VELO = 33.9 CM/SEC AT 4.38 SEC DISP = -14.4 CM AT 8.08 SEC

2097 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -1.07433 CM/SEC INITIAL DISP = -0.47855 CM

160	112	152	173	208	284	293	261	194	175	218	164	120	89	15	-42	-73	-66	-11	-6
-51	-122	-224	-262	-263	-206	-171	-190	-230	-300	-309	-306	-214	-102	-76	-159	-209	-247	-157	-84
9	68	41	-1	-76	-71	18	132	281	334	309	292	230	171	149	80	-9	-102	-189	-207
-144	-24	133	244	308	347	327	266	203	91	-53	-206	-406	-571	-647	-663	-524	-323	-106	98
248	267	190	80	8	29	116	165	116	74	3	40	161	256	335	363	264	134	6	-88
-114	-106	-61	99	402	658	673	624	542	311	15	-219	-363	-550	-748	-905	-964	-771	-411	-7
387	574	527	423	291	157	-1	-246	-569	-961	-1264	-1374	-1200	-700	1	671	1152	1325	1360	1376
1191	928	565	218	-56	-265	-312	-242	-121	176	499	740	936	1004	927	782	436	60	-366	-838
-1299	-1584	-1483	-1013	-238	431	729	792	538	178	-233	-647	-1097	-1455	-1531	-1552	-1499	-1015	-665	-385
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877	1021	1077	978	801	692	578	637	782	891	1012	1182	1333	1442	1460	1305	967	619	304	4
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-635	-564	-450	-227	53	270	410	443	490	610	780	1013	1271	1429	1401	1141	880	664	483	299
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-1842	-1655	-1398	-1098	-782	-505	-277	-167	-140	-160	-213	-256	-286	-297	-273	-208	-91	73	310	598
852	1007	1103	1107	977	845	773	715	690	734	786	838	897	943	971	977	932	836	722	605
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660	483	323	185	65	-21	-76	-130	-186	-249	-324	-398	-468	-528	-587	-659	-740	-821	-905	-972
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[illegible]

IIP219 71-110.0
 STATION NO. 198
 INSTR PERIOD = 0.046 SEC
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 3345 WILSHIRE BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL.
 DAMPING = 0.589
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 03 45N, 118 17 43W

PEAK VALS ACCLN = 103.1 CM/SEC/SEC AT 2.24 SEC VELO = -7.7 CM/SEC AT 13.30 SEC DISP = 3.9 CM AT 8.52 SEC

INITIAL VELO = -0.45345 CM/SEC INITIAL DISP = 0.28946 CM

2099 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-154	-280	-330	281	465	255	28	-260	-118	121	363	282	-199	-280	-256	-193	283	542	174	-383
-478	-211	18	323	188	-263	-467	-445	-135	478	693	685	265	-368	-638	-598	110	779	622	110
-552	-863	-558	77	401	111	-322	-394	-213	26	388	461	254	-82	-308	-119	122	633	553	-293
-673	-482	-349	338	795	562	113	-450	-637	-591	-179	454	503	262	-66	-312	-349	-183	89	112
-52	-18	173	440	568	335	-145	-515	-314	-77	-88	62	-11	-113	-57	-89	-272	-459	-453	-187
-24	136	494	581	445	250	-129	-392	-307	-90	115	540	1031	1000	429	-63	-446	-786	-573	152
426	388	286	-11	-158	-190	-158	-164	-102	218	450	317	93	-3	-89	-334	-493	-601	-354	186
196	-119	85	375	425	185	85	64	-191	-506	-580	-453	-102	227	241	29	-238	-195	296	847
793	282	-333	-934	-1011	-190	562	613	599	277	-46	17	-25	-168	-137	-75	277	648	441	-56
-400	-521	-533	-192	413	483	30	-385	-307	84	611	898	640	-6	-512	-631	-555	-505	-347	-117
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IIP220 71.148.0
 STATION NO. 114
 INSTR PERIOD = 0.050 SEC DAMPING = 0.592
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 666 WEST 19TH STREET, GROUND FLOOR, COSTA MESA, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP N90E 33 38 38N, 117 55 35W

PEAK VALS ACIN = 34.3 CM/SEC/SEC AT 1.26 SEC VELO = -5.8 CM/SEC AT 16.94 SEC DISP = 6.7 CM AT 16.34 SEC

INITIAL VELO = -0.24262 CM/SEC INITIAL DISP = 0.06118 CM
 3047 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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271	212	133	44	-32	-80	-95	-86	-71	-77	-100	-138	-191	-252	-292	-306	-289	-243	-207	-191
-193	-201	-197	-155	-69	48	150	206	225	222	223	235	209	149	86	28	-9	-33	-28	20
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[illegible]

IIP220 71.148.0
STATION NO. 114
INSTR PERIOD = 0.050 SEC DAMPING = 0.592
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
666 WEST 19TH STREET, GROUND FLOOR, COSTA MESA, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 33 38 38N, 117 55 35W

PEAK VALS ACIN = 9.3 CM/SEC/SEC AT 6.60 SEC VELO = -3.5 CM/SEC AT 39.48 SEC DISP = 2.3 CM AT 37.66 SEC

INITIAL VELO = 0.22535 CM/SEC INITIAL DISP = -0.08730 CM
3043 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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IIP221 71.150.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 104 SANTA ANITA RESERVOIR, ARCADIA, CAL. COMP NO3E 34 11 06N, 118 01 06W
 INSTR PERIOD = 0.051 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -137.7	CM/SEC/SEC AT 4.16 SEC	VELO = 5.3	CM/SEC AT 3.26 SEC	DISP = -3.2	CM AT 12.86 SEC													
INITIAL VELO = -3.20546 CM/SEC INITIAL DISP = -0.25186 CM																			
1488	INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC				AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.														
110	-116	65	312	186	179	31	-105	320	311	-288	-365	89	290	202	298	187	-137	-361	-393
-110	353	444	-69	-154	-191	-421	28	62	-431	-265	475	669	183	-34	192	-78	-738	-775	-31
368	315	294	427	656	644	42	-651	-1064	-593	305	558	480	119	-158	-192	-78	-106	-248	-316
-115	217	685	874	424	-457	-849	-536	-222	27	276	428	626	804	326	-507	-956	-572	-289	56
356	577	630	635	656	31	-631	-983	-1031	-404	20	341	571	282	144	302	32	-237	-340	-41
445	-25	-397	74	607	256	-326	-370	-22	170	418	463	312	118	-146	-291	-342	-581	-330	-58
248	605	542	613	309	-253	-477	-319	-420	-198	343	282	-5	-275	-215	314	514	21	-464	-634
-412	-199	152	712	436	-30	47	385	276	54	-38	-425	-441	141	393	161	113	286	130	-282
-216	310	471	-191	-699	-622	-147	257	354	228	-83	-318	86	321	194	-398	-781	-620	18	524
181	-508	-521	463	1199	659	-102	-507	-409	-69	124	210	65	-479	-632	-145	435	505	413	51
-430	-675	-682	-210	708	1160	565	-645	-1377	-762	76	517	128	-638	-893	-505	343	855	1019	525
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-91	-166	19	277	626	439	-163	-542	-457	-153	76	226	387	338	-47	-183	-118	-400	-605	-309
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-328	-552	-453	-129	212	303	204	129	191	283	-103	-391	-333	-152	-40	38	183	322	202	3
7	159	120	-161	-371	-496	-318	91	481	679	443	90	-262	-494	-433	-255	-230	-137	249	489
379	-77	-364	-225	-35	-10	256	378	207	90	-29	-143	-194	-75	37	103	170	234	286	99
-321	-482	-137	305	410	331	56	-171	-129	86	97	-111	63	197	14	-179	-67	104	14	-258
-454	-298	406	751	467	172	-76	-348	-589	-698	-444	25	470	714	518	150	-123	-350	-512	-418
-62	123	100	135	353	97	-416	-650	-524	15	522	553	282	39	-49	96	-130	-585	-542	-116
211	437	280	162	166	144	130	199	205	-67	-272	-312	-251	-12	202	248	137	58	61	28
17	20	-17	-61	92	345	360	-2	-295	-202	97	225	120	-100	-181	5	115	-53	-208	-147
-147	-160	49	377	597	425	11	-424	-774	-600	-197	109	344	200	-10	-76	-85	27	149	197
136	-22	-74	-68	-76	-39	-63	-31	54	-4	-15	-94	-174	51	342	356	278	79	-102	-264
-348	-266	-122	5	158	412	673	511	100	-132	-313	-392	-359	-302	-162	121	372	405	85	-270
-433	-407	-123	174	229	177	89	-155	-308	-301	-213	-49	126	186	105	-60	-238	-185	145	212
98	28	37	46	66	0	-58	-132	-280	-439	-326	-21	242	309	227	99	-112	-264	-422	-445
-318	-31	284	344	196	28	-131	-408	-489	-286	-41	179	206	120	65	40	55	20	-122	-295
-277	-46	145	212	188	96	-82	-267	-305	-207	-113	-42	-43	-32	107	382	509	265	-90	-278
-230	-69	32	36	41	67	17	-131	-236	-210	-32	148	209	177	182	104	-125	-249	-87	131
97	34	165	343	363	101	-110	-129	-89	-187	-261	-45	159	196	245	213	103	28	-44	-154
-191	-69	47	156	213	238	137	-17	-56	-15	-17	-11	1	-3	10	28	23	48	80	89
43	-9	37	116	142	154	125	49	-25	-128	-195	-114	90	192	109	-47	-161	-165	-44	96
182	183	102	-64	-187	-177	-80	-4	23	56	73	65	62	84	113	121	50	-90	-228	-275
-93	154	235	215	162	130	58	-73	-178	-147	-74	-27	46	155	181	56	-56	-91	40	164
166	61	-55	-141	-174	-130	-52	2	60	83	65	52	76	71	-42	-198	-210	-20	217	276
131	27	35	-47	-167	-246	-235	-92	130	280	191	-50	-151	-127	-105	-105	-100	-60	28	107
88	-33	-86	-122	-110	-18	72	126	73	11	-32	-62	-79	-91	-92	-72	-33	35	163	245
152	-44	-189	-246	-186	-104	-77	-78	-70	1	74	95	59	16	-16	-32	-44	-34	-11	-4
-24	-32	3	42	68	70	49	20	1	42	36	7	-17	-32	-12	0	-37	-48	-9	46

111	146	108	57	2	-33	-46	-31	-11	16	52	79	84	73	33	-11	-22	15	58	99
76	-34	-129	-130	-79	-31	17	56	98	99	52	-17	-70	-94	-64	-4	48	56	47	48
7	-77	-128	-70	5	66	89	66	13	-42	-59	-3	45	39	7	-12	-14	-6	4	11
19	25	-3	-65	-87	-95	-134	-136	-52	56	143	148	89	24	-34	-70	-79	-60	-40	-42
-77	-85	-41	13	65	72	18	-49	-119	-150	-139	-70	43	106	101	67	-25	-116	-112	-45
-3	9	6	20	29	17	-48	-112	-127	-115	-63	-1	40	35	6	-8	10	20	-1	-8
4	-12	-33	-7	46	86	64	-6	-36	-22	3	10	19	30	42	26	-24	-49	-35	0
33	70	97	97	56	8	-29	-25	-18	-20	6	54	76	61	24	8	-12	-14	-3	12
53	96	109	66	4	-25	9	56	72	65	76	96	88	51	10	-20	-11	8	14	25
19	1	11	20	19	8	-3	-11	-23	-37	-47	-59	-46	-6	52	122	145	110	49	-57
-162	-210	-119	34	151	212	114	-8	-67	-71	-45	-53	-52	-37	-24	-36	-65	-81	-70	-58
-46	-11	34	45	12	-36	-64	-57	-62	-31	-71	-93	-30	27	36	19	42	49	3	-47
-85	-119	-141	-125	-60	-39	-64	44	69	38	-16	-62	-94	-98	-108	-118	-73	-1	19	-46
-90	-73	-19	22	53	70	43	-36	-79	-67	-19	22	19	-13	-34	-18	3	-6	-4	37
82	92	35	-62	-98	-75	-40	7	40	49	-40	23	19	32	37	-1	-47	-67	-48	1
47	69	73	64	47	20	-23	-65	-92	-72	-32	13	72	73	51	43	50	60	64	37
-26	-75	-84	-74	-50	-10	34	65	80	67	45	28	13	27	39	-3	-15	7	21	29
44	64	44	16	33	45	28	1	-8	12	15	-25	-66	-76	-45	-9	23	41	25	0
-19	-17	7	23	23	18	15	14	13	10	4	-3	-5	24	5	-25	-25	1	22	19
-21	-50	-66	-50	-17	15	26	22	-19	14	7	-5	-28	-59	-78	-61	-33	-14	5	18
8	-23	-36	-26	-18	-31	-36	-14	12	20	-1	-22	-37	-37	-5	46	76	44	-13	-66
-80	-58	-39	-8	23	45	50	33	4	-11	12	12	27	20	-6	-7	16	37	37	30
27	22	18	19	26	32	33	24	14	13	25	33	27	14	15	23	29	34	28	13
5	6	8	-11	-15	-3	-19	-19	35	50	15	6	47	101	102	52	-11	-63	-80	-57
-22	32	76	86	68	53	38	30	24	15	3	7	24	18	10	28	23	32	70	85
53	-9	-54	-28	36	66	54	0	-67	-90	-38	20	54	63	50	20	-10	-30	-44	-56
-50	-30	-18	-8	-3	-12	-24	-7	27	42	33	11	-3	-11	-40	-43	-34	10	55	42
6	-37	-31	0	-11	26	-13	-32	-9	-10	-27	-39	-29	-45	-46	11	36	-3	-57	-48
-3	16	32	57	28	-31	-70	-57	-5	17	19	9	-34	-61	-60	-50	-43	-29	-20	-20
-25	-32	-46	-57	-38	-36	-57	-68	-52	-32	-12	30	30	18	17	-17	-75	-61	-46	-32
-31	-25	-6	7	24	21	-6	-24	-17	-4	-1	3	17	33	18	-24	-26	-1	11	26
39	60	74	53	5	-18	-32	-33	-6	20	39	51	49	21	-3	4	14	3	-11	-24
-25	-15	0	29	49	47	41	35	24	7	2	13	19	20	16	11	4	3	14	17
5	3	6	-3	-3	12	19	17	5	9	11	1	1	1	4	14	13	20	22	13
-1	-22	-41	-24	-8	14	39	53												

IIP221 71.150.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 104 SANTA ANITA RESERVOIR, ARCADIA, CAL. COMP N87W 34 11 06N, 118 01 06W
INSTR PERIOD = 0.051 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -165.8 CM/SEC/SEC AT 4.08 SEC VELO = -6.7 CM/SEC AT 1.70 SEC DISP = -5.9 CM AT 4.00 SEC

INITIAL VELO = 1.25441 CM/SEC INITIAL DISP = 2.28955 CM

1491 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-45	-237	-526	-342	-219	-46	133	191	347	418	37	-259	-310	-557	-524	245	602	591	445	240
-252	-293	-13	-117	-528	-122	23	86	423	405	-489	-1137	-827	167	481	494	401	374	155	-2
-7	79	-439	-1022	-592	281	706	817	349	-119	-167	16	0	-634	-783	-545	-170	284	901	957
208	-676	-742	-605	-400	-281	69	453	672	701	422	-756	-1298	-753	-113	120	465	882	566	204
-228	-591	-827	-730	-85	21	354	479	461	461	87	-280	-526	-437	-150	126	131	598	904	39
-501	-78	316	6	148	159	-281	-99	386	-224	-760	-784	-207	287	242	166	557	557	60	-156
-90	-71	-312	-203	136	326	166	267	445	30	-158	-175	95	218	-112	-304	-110	29	178	400
339	-382	-933	-554	55	169	-147	-209	-58	31	301	332	212	25	-224	-127	280	514	356	-175
-349	1	510	694	522	42	-255	-446	-407	-227	52	27	10	-357	-629	52	179	-25	-414	-214
390	745	203	-368	-267	254	525	484	319	347	-97	-953	-1180	-119	322	110	-38	-153	189	990
1257	1021	172	-1187	-1658	-459	477	1239	1371	578	-347	-1270	-1167	93	913	922	441	-46	40	724
595	-632	-1294	-891	-100	277	272	269	101	-432	-832	-546	55	247	160	301	412	524	96	-400
-149	165	54	-193	-54	141	110	90	294	385	95	-230	-372	-173	-342	-524	16	536	499	218
-169	-118	-72	58	230	211	333	282	-144	-367	-172	-109	-434	-116	549	762	425	255	240	184
-52	-411	-325	-34	127	240	151	-129	-458	-453	-170	-121	84	361	677	466	-245	-936	-392	-392
-127	-247	-26	360	579	784	601	-151	-650	-488	-227	-43	84	156	303	411	208	37	156	-39
-433	-352	-49	97	108	130	55	184	302	122	-394	-775	-680	-126	379	339	-92	-270	-50	195
82	-45	-71	78	181	91	-45	8	118	190	66	-145	-240	-192	-92	94	191	132	113	231
194	64	39	195	-132	-477	-446	-263	-155	55	321	464	213	-278	-408	-336	-257	-109	95	202
165	138	-41	-60	-136	-170	1	90	197	171	-32	-222	-325	-354	-237	-276	-128	310	412	266
76	-319	-469	-408	-165	87	272	262	142	58	-97	-237	-203	-248	-165	133	405	463	258	-166
-422	-158	126	173	222	304	225	171	183	-48	-426	-636	-463	-6	388	413	244	-13	-329	-506
-407	-226	20	157	172	167	166	40	-98	-242	-69	89	-78	-75	207	276	248	13	-188	-289
-291	-114	57	24	32	81	283	414	319	9	-284	-414	-146	125	-43	-254	-281	-110	81	43
-14	-8	59	158	247	99	-209	-300	-107	30	36	-46	-88	17	178	253	350	368	237	-93
-411	-378	-78	135	242	396	354	3	-300	-238	59	224	107	-76	-121	-80	47	110	-40	-41
-3	-81	-123	-27	26	124	161	109	57	-63	-296	-284	-142	-86	-42	33	122	94	94	96
9	-83	-151	-141	-155	-144	-54	111	221	167	119	-33	-108	-27	73	135	94	-60	-252	-296
-171	90	240	46	-139	-80	67	136	51	-19	2	47	134	179	-33	-328	-388	-172	53	236
309	203	-30	-171	-138	-28	17	15	31	86	141	25	-234	-264	-103	156	263	130	-6	-64
-52	9	-61	-201	-305	-277	-142	105	240	263	264	114	-160	-324	-301	-242	-155	-43	107	259
259	83	77	68	11	-18	-92	-171	-130	24	193	287	235	168	135	19	-112	-98	-39	94
165	99	-11	-68	2	117	192	233	122	-33	-96	-113	-96	-35	60	85	64	41	34	-18
-35	36	151	189	44	-121	-134	-90	-40	38	115	153	98	-16	-123	-171	-121	-46	13	56
67	7	-20	7	68	85	-3	-184	-228	-179	-80	19	122	171	125	-36	-195	-229	-146	-78
25	105	148	155	111	-27	-190	-200	-86	9	67	67	13	-24	-52	-4	73	95	2	-61
9	89	18	-64	-66	-46	-24	-2	16	44	32	-16	-27	-23	-28	-29	62	112	76	42
-2	-67	-106	-65	70	175	133	18	-144	-131	14	144	112	54	52	21	-5	24	59	8
-54	-49	-23	-19	-54	-39	33	78	79	32	-51	-106	-62	-41	-35	-27	2	22	1	-4
37	77	63	15	-18	-17	28	43	-6	-34	-31	32	73	52	14	-32	-51	-5	35	26

8	-74	-119	-35	116	221	146	-20	-135	-105	-30	32	46	-12	-60	-60	-27	41	117	111
25	-68	-103	-74	-17	29	43	30	-2	-94	-117	-80	-34	3	-5	-58	-58	-17	9	17
16	-25	-27	3	-9	-19	-34	-54	-69	-50	11	61	61	-8	-66	-48	-6	4	-57	-130
-135	-85	23	82	76	59	32	2	-32	-23	28	-14	-99	-80	16	111	139	71	-21	-52
-63	-70	-78	-54	4	59	94	66	-12	-51	-51	-30	-4	25	22	-7	-20	8	49	61
21	-51	-75	-27	4	40	67	72	40	21	51	77	89	90	64	7	-44	-25	35	77
68	30	25	30	22	11	-4	4	26	-16	-48	14	76	112	91	9	-73	-65	14	126
175	157	79	-24	-49	-26	23	42	23	29	51	73	74	62	60	47	5	-81	-115	-71
-8	76	119	87	38	-18	-61	-110	-117	-59	15	60	55	48	36	-18	-78	-63	-57	-72
-36	45	98	63	-17	-88	-118	-79	-20	36	72	65	-8	-83	-79	-18	17	0	-68	-96
-55	9	71	82	39	-30	-64	-28	-27	-41	-39	7	28	19	37	-27	-27	-4	8	-2
-18	-25	-41	-56	-55	3	52	49	-36	-73	-3	59	81	70	3	-11	-61	-103	-125	-102
-17	79	82	19	1	-1	-11	-27	-37	-44	-42	-32	-20	-14	5	35	58	60	37	-7
-56	-50	3	32	28	22	32	5	-22	-27	-19	-20	-20	-3	18	10	-19	-18	9	16
19	-1	-16	1	30	36	8	-20	-21	15	31	8	-9	1	30	40	16	7	26	37
2	-42	-60	-58	-44	-23	-5	-8	-20	-6	24	31	3	-70	-91	-49	0	-5	-41	-17
39	66	33	-34	-40	7	44	55	27	-6	-23	-34	-50	-51	-36	8	46	61	65	62
19	-26	-40	-28	-19	5	32	35	3	-15	-16	-19	-14	1	39	71	86	49	-24	-61
-26	23	44	60	89	112	95	31	-63	-110	-59	35	104	101	43	-32	-52	-14	19	-4
-53	-83	-89	-79	-25	44	80	87	46	-22	-75	-74	-53	-38	-19	-3	26	45	32	-15
-70	-95	-70	-36	-11	11	20	-13	-58	-87	-76	-52	-32	-11	2	-2	7	-1	-31	-48
-55	-54	-54	-27	12	34	33	4	-30	-53	-54	-41	-13	14	29	39	39	-10	-60	-54
-14	3	25	44	55	52	32	-15	-63	-78	-56	-19	11	18	20	10	-5	-10	-5	24
80	104	59	-59	-180	-162	-31	55	59	16	2	38	39	-14	-87	-149	-107	4	70	86
57	10	-23	-47	-59	-61	-47	-17	21	55	85	67	10	-21	-42	-56	-42	0	38	35
-6	-49	-49	22	83	53	-11	-33	-41	-21	3	23	48	71	50	23	42	16	-26	-52
-41	-4	36	37	13	-4	9	9	-11	3	36	25	14	-12	6	-18	37	41	-7	-7
-23	14	36	41	19	12	24	16	67	60	38	39	-18	-49	-25	4	40	60	26	-26
-24	30	51	31	7	-1	12	46	62	53	31	13	18	16	21	18	6	47	51	37
43	-15	-86	-85	-50	28	73	69	29	-23	-42	-8	30	-16	-77	-89	-74	-30	15	56
86	32	-47	-43	-37	-55	-44	-28	4	34	23	-3	-16	-18	-17	-18	-17	-14	-8	10
23	26	23	14	13	9	7	11	7	4	27	54	34	-4	-16	-9	5	5	-6	-7
6	15	22	25	20	6	-4	-1	15	16	-8	-44	-59	-48	-17	19	45	50	17	-27
-37	-15	11	20	-2	-19	17	59	57	-7	-56	-58	-39	-12	6	12	21	37	44	4
-31	-23	-14	-7	-9	-14	26	48	-4	-46	-53	-53								

IIP221 71.150.0 SAN FERNAND EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 104 SANTA ANITA RESERVOIR, ARCADIA, CAL. COMP DOWN 34 11 06N, 118 01 06W
 INSTR PERIOD = 0.052 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -47.6 CM/SEC/SEC AT 0.74 SEC VELO = 4.5 CM/SEC AT 7.80 SEC DISP = -2.5 CM AT 6.52 SEC

INITIAL VELO = 0.30245 CM/SEC INITIAL DISP = 0.00531 CM
 1490 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-404	191	244	0	23	48	-103	-96	199	212	-114	-231	-213	-139	36	207	154	-50	-59	-98
-79	-104	-119	171	150	-46	-55	91	101	-316	-200	165	105	108	351	295	-202	-476	-284	-24
193	401	162	-264	-258	-4	26	1	89	-118	-63	186	220	-33	-241	-221	-90	93	302	160
-96	-256	-80	14	-192	-224	72	148	-25	71	113	-53	-128	76	24	-62	-58	212	54	-129
-143	-285	-6	358	302	43	-264	-120	-7	-171	32	246	-57	-249	-188	59	185	-19	-110	-139
208	326	115	-180	-258	-103	100	45	76	179	169	86	-96	-112	81	48	-26	44	33	129
64	-126	-216	-111	55	271	243	-106	-104	50	53	20	1	24	14	-20	98	37	-126	-6
218	180	-9	-159	-245	-111	53	27	45	63	-39	-376	-359	245	440	67	-248	-112	144	26
-107	-245	-87	104	161	-64	-210	-184	230	320	236	-58	161	314	39	-158	28	74	-79	128
217	28	-134	-173	-130	-116	-91	-34	188	183	-71	24	-11	-172	-104	-130	-157	-26	150	99
-53	-51	62	-46	-397	-356	-14	251	255	-150	-183	-35	21	-312	-425	-128	89	151	207	94
-86	-297	-275	78	258	140	-158	-164	50	147	110	-16	-199	-33	197	381	106	-79	-107	-263
-222	98	199	68	-66	42	215	239	121	120	17	26	188	307	77	-176	-257	-138	-7	82
-181	-174	197	134	-209	-411	-139	235	160	-96	-224	-113	-44	-127	-170	35	125	46	-146	-253
-115	40	145	141	-59	-140	-67	187	254	-31	-160	-174	-54	83	228	169	-82	-252	-121	83
211	166	72	-84	-242	-226	58	410	348	-6	-263	-108	114	92	33	75	99	-16	-122	91
332	213	52	-55	-122	32	225	160	-37	-46	133	107	-52	-71	214	374	226	-181	-295	-65
183	247	53	-255	-215	142	350	149	-162	-213	-74	51	159	102	-55	-54	47	44	88	198
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IIP222 71.151.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 272 PORT HUENEME, NAVY LABORATORY, CAL. COMP SOON 34 09 00N, 119 12 00W
 INSTR PERIOD = 0.080 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -25.9 CM/SEC/SEC AT 9.44 SEC VELO = 7.3 CM/SEC AT 50.08 SEC DISP = -4.5 CM AT 17.82 SEC

INITIAL VELO = -0.35767 CM/SEC INITIAL DISP = -0.48043 CM
 2906 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-19	-7	40	94	117	108	88	76	62	49	38	18	-1	0	14	36	45	24	-28	-56
-33	24	51	26	-30	-63	-46	0	30	24	-11	-65	-124	-155	-145	-107	-32	56	131	172
190	206	219	192	123	44	-30	-99	-171	-235	-246	-196	-102	3	86	129	166	203	226	200
118	3	-113	-194	-241	-254	-240	-181	-100	-42	6	52	99	114	86	38	-4	-33	-70	-119
-157	-168	-156	-115	-61	-4	53	110	156	195	220	219	191	122	28	-49	-64	-35	19	66
77	58	27	-7	-50	-97	-107	-75	-24	22	49	65	77	75	57	23	-28	-96	-153	-180
-183	-151	-96	-25	15	4	-41	-101	-151	-182	-183	-116	-21	44	71	81	79	68	47	32
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-184	-181	-176	-168	-157	-144	-130	-116	-102	-90	-78	-64	-50	-36	-21	-6	4	12	13
17	23	25	25	23	20	16	10	8	7	3	0	-6	-12	-19	-26	-27	-23	-16
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106	105	103	101	99	93	88	82	74	69	64	58	50	43	36	31	25	14	11
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21	28	34	40	47	54	60	66	71	76	82	88	91	94	95	97	104	111	124
128	128	126	121	118	112	107	103	99	96	95	95	96	97	96	92	87	80	74
57	50	45	41	37	34	30	26	24	21	16	10	3	-3	-8	-11	-14	-21	-27
-34	-40	-45	-49	-54	-59	-66	-72	-79	-85	-92	-100	-107	-113	-119	-125	-130	-134	-133
-131	-128	-124	-124	-120	-117	-115	-112	-107	-102	-97	-91	-87	-84	-81	-79	-75	-72	-69
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55	62	66	69	75	81	86	92	96	99	101	104	106	110	115	120	124	129	136
136	135	135	134	132	130	126	119	108	98	91	86	81	77	74	71	68	64	60
60	59	56	54	55	53	51	51	49	45	40	37	37	38	38	39	38	36	29
23	18	13	5	-2	-6	-11	-18	-26	-34	-42	-49	-55	-60	-64	-68	-72	-76	-87
-91	-95	-100	-105	-109	-111	-113	-113	-111	-112	-112	-112	-112	-110	-109	-107	-107	-105	-100
-98	-97	-92	-89	-85	-80	-78	-78	-75	-69	-65	-64	-63	-62	-63	-61	-60	-58	-55
-54	-57	-58	-60	-61	-63	-66	-69	-72	-75	-75	-75	-73	-69	-65	-64	-62	-58	-48
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26	20	17	11	6	3	-1	-6	-9	-13	-17	-20	-23	-24	-25	-26	-27	-25	-21
-15	-17	-18	-19	-23	-24	-25	-26	-25	-13	-25	-23	-22	-20	-18	-18	-16	-15	-11
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9	3	-3	-8	-13	-18	-21	-23	-30	-33	-37	-41	-46	-50	-53	-56	-60	-64	-67
-70	-71	-73	-76	-79	-80	-82	-83	-85	-86	-89	-90	-91	-92	-93	-94	-95	-96	-97
-72	-70	-65	-62	-57	-53	-49	-44	-39	-35	-29	-24	-19	-11	-5	0	3	8	13
18	22	27	31	34	38	40	44	48	51	52	54	56	55	57	58	58	59	58

[illegible]

IIP222 71.151.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 272 PORT HUENEME, NAVY LABORATORY, CAL. COMP S90W 34 09 00N, 119 12 00W
INSTR PERIOD = 0.081 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN =	25.2	CM/SEC/SEC AT 17.00 SEC	VELO =	5.5	CM/SEC AT 54.50 SEC	DISP =	-4.9	CM AT 53.54 SEC
2906 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = 0.69000 CM/SEC INITIAL DISP = 0.28834 CM									
2	-10	-6	6	16	19	31	45	46	31
-37	-38	-35	-45	-67	-75	-47	-13	7	3
15	4	-15	-51	-85	-95	-77	-23	24	11
3	9	-1	-9	-2	9	10	-21	-74	-114
114	60	-1	-56	-101	-124	-130	-134	-122	-82
88	57	24	10	18	38	57	63	44	8
80	36	16	27	47	53	44	35	38	49
59	91	94	61	17	7	27	41	9	-65
-18	-101	-165	-195	-222	-221	-186	-98	-3	74
-45	-21	-17	-44	-105	-157	-175	-149	-82	-8
-71	-82	-87	-52	12	80	141	162	135	76
-2	31	48	31	-13	-52	-65	-46	-15	18
89	38	13	31	88	119	96	55	11	-35
-41	-19	-17	-32	-54	-56	-35	-5	17	15
-58	-84	-103	-110	-117	-136	-153	-154	-126	-73
-18	4	29	42	51	58	66	67	55	33
-17	-20	-28	-40	-49	-47	-28	0	11	-3
-91	-95	-88	-80	-71	-48	-15	18	30	27
-28	44	109	123	104	86	87	97	98	69
17	65	102	104	84	61	36	13	-13	-56
-48	-42	-49	-58	-55	-36	7	54	93	117
187	158	101	41	-12	-56	-88	-98	-89	-62
-223	-232	-231	-226	-228	-227	-221	-198	-143	-57
-11	-11	-10	-2	13	43	94	156	188	190
-30	16	38	43	47	50	43	27	9	-7
32	-16	-35	-49	-62	-77	-91	-94	-83	-54
-83	-102	-121	-123	-102	-62	-20	12	28	44
-50	-70	-75	-77	-90	-108	-114	-107	-74	-26
104	91	69	62	63	64	57	33	-1	-31
73	58	24	-14	-40	-37	-18	-5	-15	-37
-99	-88	-73	-50	-2	68	153	198	194	163
58	42	21	3	-7	-10	-12	-11	-5	4
9	12	25	33	33	33	44	69	100	118
-13	-1	-7	-30	-53	-64	-60	-62	-81	-106
12	15	35	61	82	94	96	92	96	105
-9	-21	-39	-61	-82	-94	-92	-73	-55	-48
-75	-54	-22	16	51	75	73	51	23	3
-1	-3	-9	-15	-27	-40	-45	-30	2	32
-14	-22	-16	2	21	36	44	52	61	73
23	-4	-35	-69	-98	-122	-127	-113	-96	-79
-28	-36	-64	-95	-137	-164	-171	-158	-145	-128
-58	-91	-78	-66	-102	-128	-135	-122	-110	-97
-24	-46	-52	-54	-52	-55	-54	-54	-56	-56
-63	-67	-47	-11	-47	5	-11	-68	-24	-24
201	210	212	194	164	164	110	109	110	133
-193	-150	-106	-77	-77	-77	-78	-78	-84	-84
-5	6	16	33	33	33	19	106	64	64
-74	-110	-122	-65	-65	-65	37	37	14	14
109	177	109	93	93	93	171	202	28	28
-80	-87	-70	-14	-14	-14	112	108	108	108
-29	-13	2	41	41	41	69	56	44	44
80	50	23	-4	-4	-4	33	10	-10	-10
70	56	46	45	45	45	-9	-9	21	21
-98	-75	-42	-21	-21	-21	-51	-51	-30	-30
61	57	51	38	25	25	71	47	27	27
21	37	51	60	52	52	31	31	41	41
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5	-31	-87	-134	-157	-157	-148	-152	-156	-156
-4	-4	-5	-5	6	6	93	64	34	34
-91	-102	-111	-117	-116	-116	-108	-112	-112	-112
-13	-36	-58	-73	-66	-66	-24	-30	-47	-47
0	18	36	44	40	40	31	30	33	33
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-58	-62	-59	-55	-50	-50	-64	-58	-53	-53

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84	113	138	154	167	180	206	231	246	252	252	252	240	219	190	153	114	87	71	55
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-82	-47	-28	-32	-45	-51	-42	-16	14	37	48	50	47	45	44	38	22	2	-9	-11
-11	-14	-25	-35	-35	-31	-25	-14	-1	10	11	0	20	-50	-74	-86	-74	-56	-35	-9
-16	1	13	22	20	6	-10	-12	3	25	49	72	92	109	122	115	89	59	31	9
0	6	20	40	65	91	106	111	113	114	115	106	82	52	27	15	17	25	33	35
22	3	-18	-35	-47	-59	-69	-77	-82	-85	-87	-79	-60	-35	-12	4	16	23	25	17
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98	92	83	76	68	62	57	55	48	36	21	3	-16	-35	-53	-59	-58	-55	-49	-42
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76	84	91	91	89	85	80	72	62	54	47	43	41	42	44	50	57	63	67	69
70	70	70	69	66	56	43	30	22	20	21	19	11	1	-10	-22	-32	-41	-48	-53
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-64	-60	-54	-48	-39	-30	-30	-16	1	17	33	45	51	57	64	71	74	72	70	71	74
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47	52	57	59	60	60	60	58	54	52	51	45	35	24	17	14	13	14	16	18	19
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-96	-101	-104	-106	-107	-107	-107	-107	-107	-107	-107	-104	-102	-96	-87	-78	-71	-63	-53	-42	-29
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-8	-8	-5	1	4	8	8	13	16	18	21	22	23	24	23	21	18	16	13	5	-1
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53	61	66	72	73	74	74	75	74	73	72	70	66	60	52	43	35	28	21	16	12
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84	85	85	85	84	81	81	77	73	67	62	55	47	39	34	30	26	20	14	6	1
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-68	-67	-66	-64	-61	-58	-58	-54	-51	-47	-42	-35	-28	-24	-23	-23	-23	-23	-21	-21	-30
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56	55	54	55	56	58	58	60	63	67	69	71	74	78	81	84	86	86	86	86	85
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64	61	56	53	50	49	49	48	48	47	47	47	47	47	47	46	43	40	38	35	31
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-58	-58	-57	-54	-52	-49	-49	-46	-44	-42	-41	-38	-35	-33	-31	-29	-26	-23	-22	-21	-21
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[illegible]

IIP222 71.151.0
STATION NO. 272
INSTR PERIOD = 0.081 SEC
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PORT HUENEME, NAVY LABORATORY, CAL.
DAMPING = 0.592
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP UP 34 09 00N, 119 12 00W

PEAK VALS ACCLN = 10.5 CM/SEC/SEC AT 5.68 SEC VELO = -3.2 CM/SEC AT 42.80 SEC DISP = 2.2 CM AT 52.26 SEC

INITIAL VELO = -0.50840 CM/SEC INITIAL DISP = -0.19989 CM

2918 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-21	-45	-17	6	-5	-18	-13	6	26	44	61	75	65	46	29	7	12	17	6	1
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12	12	6	-11	-17	-11	-5	-13	-24	-37	-44	-40	-39	-42	-53	-66	-53	-27	-13	-24
-50	-52	-36	-8	19	17	-2	-27	-31	-10	10	11	6	13	17	13	11	10	4	-1
6	5	-14	-28	-29	-37	-52	-47	-8	33	25	-15	-36	-39	-41	-31	-20	-20	-18	-20
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38	42	36	28	11	-3	-4	3	-1	-10	-10	-23	-31	-27	-17	11	36	42	23	-22
-45	-43	-34	-30	-26	-11	18	52	60	53	41	20	-12	-48	-61	-58	-62	-46	-1	27
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87	76	47	22	3	-4	3	15	24	27	25	17	13	5	5	28	45	46	41	42
53	80	100	101	105	87	56	21	2	3	-2	-8	1	7	-6	-27	-42	-38	-14	19
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-47	-50	-52	-55	-58	-61	-64	-66	-68	-70	-72	-74	-76	-77	-77	-77	-77	-77	-76	-75
-74	-73	-71	-70	-68	-66	-64	-61	-57	-54	-50	-46	-41	-37	-33	-29	-24	-20	-16	-13
-8	-2	2	6	9	12	16	19	22	26	30	35	40	44	48	53	56	58	61	63
65	66	68	68	68	68	68	68	68	67	67	66	64	63	60	57	54	51	47	44
41	37	33	29	26	23	23	14	10	5	1	-3	-6	-7	-10	-16	-20	-24	-27	-31
-35	-38	-40	-41	-41	-41	-41	-42	-44	-43	-43	-43	-43	-42	-42	-40	-36	-34	-32	-30
-27	-24	-22	-20	-19	-17	-15	-13	-12	-12	-10	-6	-5	-3	0	1	1	5	8	9
10	10	10	10	10	11	12	12	13	13	13	13	12	11	10	9	8	6	4	2
1	0	-1	-2	-2	-2	-2	-1	-1	-1	-2	-2	-2	0	1	0	0	0	0	1
1	0	-1	-2	-3	-4	-4	-4	-5	-5	-7	-9	-10	-12	-13	-14	-13	-13	-13	-14

-16	-17	-17	-16	-17	-17	-17	-17	-17	-17	-15	-13	-12	-10	-8	-5	-2	1	4	7
8	9	11	13	15	17	21	23	25	27	30	34	38	41	45	48	52	58	61	63
65	68	70	73	73	72	71	71	69	68	67	65	63	60	58	54	48	44	41	38
35	30	24	18	13	9	5	0	-5	-10	-15	-19	-25	-30	-35	-38	-41	-44	-46	-49
-54	-55	-55	-56	-56	-56	-57	-56	-56	-56	-55	-53	-52	-52	-50	-48	-46	-44	-42	-40
-38	-34	-28	-23	-20	-17	-13	-8	-2	4	7	11	17	22	26	29	32	32		

IIP223 71.153.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 278 PUDDINGSTONE RESERVOIR, SAN DIMAS, CAL. COMP N35W 34 05 18N, 117 48 48W
 INSTR PERIOD = 0.052 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 53.3 CM/SEC/SEC AT 3.86 SEC VELO = -4.4 CM/SEC AT 3.82 SEC DISP = 1.8 CM AT 17.26 SEC

INITIAL VELO = -0.32118 CM/SEC INITIAL DISP = -0.84915 CM

1643 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

185	44	-69	-119	-51	85	185	180	40	-130	-195	-92	49	70	-8	-91	-110	3	148	156
37	-39	-42	5	106	156	90	61	119	197	187	25	-195	-312	-270	-152	-24	82	141	155
101	32	1	4	-15	-55	-64	-57	-57	44	-8	27	63	53	-19	-60	-66	-67	-22	66
128	143	125	98	31	-49	-75	5	94	117	54	-39	-121	-169	-150	-40	106	143	23	-126
-230	-169	36	217	241	167	148	120	20	-38	-48	-39	-17	41	61	-12	-120	-182	-155	-69
7	55	78	68	-32	-137	-154	-50	114	166	-4	-166	-139	-55	-19	40	116	96	-15	-118
-74	69	132	106	82	105	148	149	65	-41	-43	7	-68	-235	-337	-259	-82	12	-36	-87
-128	-160	-20	214	312	206	61	-52	-102	-113	-166	-163	41	299	331	148	-124	-342	-358	-184
80	226	208	87	-77	-187	-91	111	200	117	25	52	242	363	199	-77	-179	-142	-176	-241
-283	-335	-395	-384	-201	29	90	-56	-315	-443	-280	58	378	533	506	352	213	156	152	91
-20	-97	-64	97	327	429	288	14	-267	-317	-169	57	203	180	51	-89	-228	-335	-365	-315
-243	-185	-87	3	-57	-213	-268	-181	42	221	236	145	98	153	280	377	383	353	318	209
57	-47	-69	-58	-29	-26	-83	-199	-327	-382	-361	-259	-49	219	281	91	-86	-171	-144	15
173	191	46	-101	-135	-109	-70	4	91	150	161	93	-70	-233	-274	-146	71	163	44	-72
-158	-181	-107	-17	-16	2	113	199	157	76	63	125	203	202	74	-53	-91	-81	-143	-209
-202	-134	-65	-39	-55	-76	-76	-29	14	-22	-111	-177	-164	-26	153	205	46	-183	-255	-54
237	299	178	127	165	160	72	40	122	227	235	149	31	-59	-51	64	151	91	-27	-130
-169	-100	-19	-65	-183	-225	-175	-101	25	143	113	-5	-59	-123	-86	8	137	210	149	71
51	44	21	9	-10	-31	-49	-31	42	77	-80	-294	-360	-285	-106	114	247	194	48	-47
-43	39	118	120	56	2	-29	-18	-5	-70	-159	-187	-135	-40	81	186	178	77	24	38
82	122	150	136	93	85	91	38	-48	-112	-142	-141	-118	-72	6	76	87	46	-6	-50
-65	-73	-91	-114	-116	-60	3	-19	-85	-95	-44	2	22	19	17	40	72	75	36	-1
-3	21	66	110	76	-56	-158	-148	-47	42	61	57	57	18	-57	-112	-141	-99	-5	62
43	-4	-31	-33	27	112	187	204	131	16	-95	-141	-67	58	102	39	-31	-110	-182	-195
-106	6	106	130	113	87	68	82	100	73	21	-44	-96	-113	-92	-45	0	2	-26	-40
-50	-98	-147	-159	-106	-5	76	84	56	15	-43	-41	30	75	40	-1	12	41	64	86
70	7	-49	-74	-51	-15	22	62	78	29	-37	-42	6	35	24	8	4	13	33	53
72	87	99	99	84	61	47	48	57	55	51	53	43	3	-44	-76	-75	-26	38	78
34	-34	-60	-36	7	7	-65	-131	-112	-39	10	-1	3	18	18	19	16	1	-18	-27
-36	-43	-27	-1	7	3	-2	-8	-27	-42	-27	10	37	38	19	11	21	60	98	109
70	-5	-83	-145	-153	-88	2	58	48	24	-6	-39	-55	-33	-7	10	23	35	52	63
71	72	36	-11	-34	-32	-20	6	38	31	9	30	72	100	86	18	-47	-64	-60	-48
-52	-59	-42	-12	2	0	13	41	58	57	27	-2	-25	-22	19	56	57	12	-36	-66
-54	-26	-23	-53	-79	-88	-77	-54	-34	-16	12	36	38	30	17	-4	-20	-24	-12	24
63	83	82	66	38	17	7	6	6	9	25	62	80	57	29	23	34	34	12	-15
-34	-47	-36	1	28	34	31	15	-15	-37	-35	-12	10	19	2	-10	-4	16	31	47
63	67	31	-35	-81	-69	-9	49	49	-10	-62	-100	-111	-78	-29	2	11	16	15	6
0	-10	-24	-29	-29	-29	-29	-36	-65	-97	-95	-49	5	43	53	51	63	88	79	25
-13	-3	50	86	79	43	33	52	65	35	-13	-33	2	89	145	128	69	23	-1	13
58	78	63	33	3	-31	-57	-74	-76	-71	-74	-92	-109	-113	-100	-82	-69	-63	-62	-67

IIP223 71.153.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 278 PUDDINGSTONE RESERVOIR, SAN DIMAS, CAL.
 INSTR PERIOD = 0.051 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -37.8 CM/SEC/SEC AT 3.48 SEC VELO = -2.2 CM/SEC AT 5.38 SEC DISP = -1.8 CM AT 7.38 SEC

INITIAL VELO = 0.44583 CM/SEC INITIAL DISP = -0.41394 CM

1642 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-163	-37	36	41	31	70	173	173	-22	-140	-122	-57	17	27	-5	-28	25	124	124	-67
-138	-37	26	11	-14	-45	-177	-211	34	225	82	-119	-106	28	97	134	194	155	-44	-223
-184	-83	-22	-22	-12	7	-1	30	113	83	-34	-73	25	100	124	86	11	-20	59	87
-43	-149	-106	70	215	182	24	-93	-32	-6	-177	-314	-211	20	164	72	-44	-54	-43	-46
55	216	198	-22	-114	-42	24	72	63	-12	-66	-50	-34	-41	43	145	24	-113	-64	0
-17	-54	-36	69	148	88	41	24	4	-20	9	68	15	-172	-290	-189	-6	60	28	-16
-7	48	86	33	-66	-92	-74	-17	31	50	42	15	-21	-75	-70	11	47	8	-14	-57
-134	-20	234	216	-125	-307	-167	46	48	-26	81	229	276	156	-43	-157	-243	13	223	42
213	17	-95	-78	-49	33	124	40	-178	-296	-101	169	84	-241	-378	-249	-4	137	86	42
87	189	187	27	-145	-121	32	102	24	-54	66	244	233	73	-46	-90	-120	-139	-134	-82
7	59	56	9	-72	-131	-161	-147	-52	86	188	193	143	31	-151	-271	-168	108	240	125
-57	-48	160	246	92	-135	-185	-76	12	20	-5	-7	71	99	-63	-276	-246	0	128	31
-32	79	247	216	51	-49	-103	-132	-112	-35	50	94	87	48	-4	-33	-28	16	42	53
93	85	-11	-120	-159	-176	-274	-333	-210	22	139	117	82	88	137	94	-30	-120	-154	-129
-52	44	85	53	40	59	72	68	58	76	117	148	91	-65	-143	-78	-63	-146	-170	-55
14	-8	18	70	69	-24	-107	-64	50	139	98	12	-24	-39	-81	-93	-29	85	106	12
-76	-48	8	-24	-88	-107	-28	98	145	49	-42	-2	81	144	143	108	31	-8	-2	-15
-50	-108	-129	-76	0	-17	-73	-93	-28	50	49	27	60	119	145	140	78	-16	-58	-19
25	17	-1	-13	-37	-56	-12	80	154	148	48	-56	-39	90	163	101	-22	-33	46	74
18	-12	33	85	65	18	7	14	-12	-59	-98	-113	-62	8	47	38	19	8	-5	-25
-27	2	41	41	-1	-33	-26	-46	-49	-13	12	12	-9	11	54	60	13	-55	-51	25
74	83	43	10	50	91	24	-63	-80	-46	-28	-14	2	32	61	57	8	-18	9	47
43	16	4	-32	-110	-168	-120	-24	1	-75	-120	-55	13	43	25	-8	-13	-3	-2	-26
-52	-57	-28	-22	-41	-5	37	20	-53	-108	-51	70	121	64	20	0	14	54	89	71
-13	-66	-57	-51	-67	-59	-33	-5	-5	5	71	115	87	7	-39	-1	20	-9	-40	-43
-29	-17	-2	19	25	-4	-46	-74	-101	-81	7	79	40	-54	-92	-36	48	88	65	12
-26	-35	-33	-40	-55	-63	-33	23	53	60	73	50	-31	-86	-40	3	5	-18	-13	-1
6	0	17	57	52	22	8	0	-7	-21	-37	-37	-22	4	26	15	14	18	-1	-29
-1	61	77	62	49	33	9	24	76	75	33	16	27	37	8	-31	-31	-4	8	-38
-83	-71	-35	-16	-33	-27	-7	-10	-12	-8	0	6	9	3	-9	-7	15	28	5	-27
-21	-7	-23	-39	-26	-7	-29	-61	-38	28	79	100	110	84	16	-5	32	63	53	2
-20	0	9	4	-4	-16	-18	-23	-33	-33	-18	31	70	61	43	29	26	33	-1	-57
-67	-21	28	14	-29	-29	-11	2	2	-27	-23	2	10	-8	-39	-49	-40	-29	-30	-41
-34	-16	-14	-19	-11	22	36	17	14	19	23	8	-6	-2	25	49	57	41	19	-3
-9	-8	0	8	1	-4	18	47	52	39	34	36	26	2	-9	11	43	43	14	-18
-25	-2	10	1	-20	-26	-30	-32	-38	-39	-51	-68	-59	-25	-8	-10	-27	-39	-34	-23
-34	-66	-89	-54	19	51	19	-24	-51	-46	-14	20	13	-16	-22	-26	-47	-71	-60	-30
-14	-11	-12	-12	-13	13	33	33	30	20	47	81	75	43	30	47	61	35	-18	-51
-33	19	47	24	-10	-15	4	-5	-38	-50	-27	11	33	19	-6	-14	-17	-6	2	8
8	-3	-13	-18	-17	-8	1	-1	-9	-14	-15	-8	4	7	-10	-24	-20	-8	2	15

IIP231 71.160.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 247 9841 AIRPORT BOULEVARD, BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP NOOE 33 56 46N, 118 23 09W

PEAK VALS ACLN = 41.3 CM/SEC/SEC AT 7.26 SEC VELO = 10.7 CM/SEC AT 13.80 SEC DISP = -8.3 CM AT 12.80 SEC

INITIAL VELO = -2.91552 CM/SEC INITIAL DISP = -0.75032 CM

2419 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

141	126	107	76	27	5	23	43	134	198	214	196	145	50	28	18	-13	-49	-77	-72
-31	20	65	57	67	113	97	73	72	78	83	57	29	-12	-35	-22	-2	5	10	48
28	-35	-52	-50	-26	-12	-78	-174	-213	-157	-53	-29	-53	-42	16	89	130	145	146	64
56	72	-9	-141	-176	-121	-56	-20	-11	-36	-56	-62	-23	38	137	164	126	96	86	83
32	-23	-22	52	135	150	168	234	230	152	135	148	146	121	101	133	138	83	-88	-165
-111	-77	-87	-108	-98	-97	-136	-151	-125	-89	-72	-90	-120	-144	-146	-98	-35	25	24	78
111	56	47	117	116	79	18	-70	-137	-147	-99	26	173	235	172	115	48	-15	-70	-97
-99	-69	-58	-17	60	99	76	24	-82	-152	-167	-179	-184	-159	-75	-22	-62	-123	-77	-19
21	98	119	118	96	42	-53	-140	-171	-184	-104	-28	-6	32	42	38	61	109	122	57
22	42	71	76	13	-73	-88	-85	-86	-140	-233	-248	-221	-173	-110	-65	-37	-77	-204	-230
-208	-186	-176	-144	-67	-18	-19	-34	-60	-61	-76	-100	-66	6	88	137	114	32	-45	-90
-120	-134	-43	71	183	256	282	239	154	81	27	1	35	102	95	57	72	129	102	20
-37	-10	-27	-114	-171	-153	-70	-68	-88	-95	-89	0	88	92	89	91	91	57	-27	-118
-154	-138	-110	-122	-125	-127	-116	-134	-147	-55	36	56	88	142	193	176	120	143	216	239
120	24	35	59	61	49	51	30	-35	-42	18	74	87	90	64	20	-62	-108	-102	-59
1	9	9	19	73	89	98	161	183	105	85	100	108	105	107	98	76	71	57	12
-47	-68	-46	2	57	82	76	81	100	127	147	186	164	112	70	21	1	-5	-33	-107
-184	-176	-145	-140	-99	-38	-60	-76	-29	16	37	46	11	-119	-196	-221	-231	-228	-205	-62
117	238	353	413	408	342	296	257	183	142	108	56	43	39	35	3	-6	16	34	39
2	-39	-15	27	28	-24	-93	-77	-7	60	100	91	51	41	63	57	-52	-155	-160	-89
-40	-60	-90	-115	-119	-42	93	138	131	70	-11	-86	-113	-123	-124	-105	-90	-71	19	107
112	121	130	153	151	105	2	-31	-29	-46	-22	29	-1	-85	-111	-52	18	49	35	45
91	89	10	-96	-137	-141	-134	-102	-52	-1	40	95	138	148	130	72	11	5	-5	-66
-159	-227	-236	-209	-172	-124	-83	-72	-101	-92	-51	-38	-82	-114	-113	-82	-63	-72	-97	-91
-60	-46	-76	-87	-16	79	114	99	32	-50	-101	-144	-178	-200	-215	-204	-205	-204	-202	-197
-193	-148	-29	67	96	56	42	49	73	114	160	194	214	191	142	71	9	14	41	81
75	18	4	28	67	57	6	-6	11	50	92	88	37	-54	-100	-122	-141	-165	-225	-257
-231	-196	-189	-230	-267	-243	-213	-227	-223	-206	-166	-143	-123	-104	-87	-80	-56	-34	-73	-91
-78	-81	-84	-71	-28	7	8	27	70	93	69	19	-29	-35	-14	15	15	-9	-25	8
62	102	148	203	255	272	259	230	190	160	122	70	-22	-58	-54	-13	-3	5	21	32
32	24	23	30	22	34	73	84	34	-29	-40	-29	-58	-110	-145	-174	-181	-171	-127	-50
-6	1	-8	-27	-41	-30	-12	9	64	106	123	166	214	261	289	293	306	328	364	372
353	311	264	227	162	99	61	44	15	-10	-6	-6	5	35	59	80	117	152	168	157
148	148	177	203	227	243	240	241	231	213	188	179	178	151	109	88	79	68	52	37
31	35	43	43	26	10	4	8	16	18	-6	-31	-30	-16	-17	5	15	-8	-21	-8
11	5	-34	-85	-118	-135	-141	-154	-171	-177	-161	-104	-41	-10	-12	-22	-32	-34	-37	-47
-60	-72	-83	-86	-72	-54	-39	-10	36	75	83	59	37	26	18	13	16	26	16	3
8	9	-18	-67	-108	-155	-207	-238	-260	-269	-286	-289	-281	-276	-268	-262	-261	-281	-273	-244
-240	-234	-220	-198	-174	-160	-150	-134	-132	-161	-173	-147	-95	-53	-19	1	20	24	16	0
-11	-17	-32	-53	-71	-74	-66	-55	-49	-31	-5	19	35	41	50	79	101	104	76	41

19	10	5	-3	-2	0	6	8	4	-13	-40	-53	-70	-100	-112	-108	-115	-98	-69	-65
-86	-86	-63	-58	-95	-118	-124	-105	-77	-54	-44	-29	-2	8	19	20	24	35	42	34
21	5	-10	-11	-10	-7	9	16	42	55	42	40	43	55	79	92	85	93	123	150
159	150	130	113	100	115	146	168	174	170	180	199	209	215	224	237	239	231	228	221
211	204	184	144	96	65	47	33	21	-1	-26	-46	-57	-43	-28	-1	34	60	83	100
115	117	113	106	95	87	88	83	75	68	70	85	76	50	11	112	104	98	99	93
82	67	52	44	48	50	49	42	43	59	78	85	76	50	11	-3	-14	-32	-37	-41
-53	-54	-48	-48	-52	-48	-42	-41	-43	-43	-45	-47	-71	-88	-80	-86	-93	-110	-119	-131
-148	-156	-164	-171	-173	-167	-154	-145	-141	-141	-142	-144	-145	-152	-167	-186	-193	-181	-155	-134
-120	-116	-121	-117	-103	-96	-102	-94	-86	-88	-88	-97	-102	-91	-74	-67	-63	-60	-58	-42
-27	-15	-16	-35	-41	-27	-5	6	6	14	28	42	51	59	61	56	56	55	56	58
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IIP231 71.160.0
STATION NO. 247
INSTR PERIOD = 0.03 SEC
DAMPING = 0.592
SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST
9841 AIRPORT BOULEVARD, BASEMENT, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP S90W 33 56 46N, 118 23 09W

PEAK VALS ACIN = 37.8 CM/SEC/SEC AT 5.88 SEC VELO = 13.3 CM/SEC AT 24.68 SEC DISP = 10.3 CM AT 20.72 SEC

INITIAL VELO = -0.49988 CM/SEC INITIAL DISP = 0.83193 CM
2420 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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IIP231 71.160.0
STATION NO. 247
INSTR PERIOD = 0.03 SEC
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
9841 AIRPORT BOULEVARD, BASEMENT, LOS ANGELES, CAL.
DAMPING = 0.592
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP UP 33 56 46N, 118 23 09W

PEAK VALS ACCLN = -17.9 CM/SEC/SEC AT 1.56 SEC VELO = -5.7 CM/SEC AT 21.42 SEC DISP = 3.5 CM AT 16.24 SEC

INITIAL VELO = 0.00106 CM/SEC INITIAL DISP = -0.02505 CM
2419 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

135	147	43	-20	-35	-14	-45	-73	-40	-11	-23	15	115	176	155	41	-57	25	73	30
6	-52	-71	-86	-35	-11	-35	-40	-13	20	79	101	88	66	35	-50	-95	-121	-132	-110
-76	-72	-8	6	28	31	-74	-43	-32	-68	-49	-72	0	68	17	-44	-24	18	9	-1
43	70	-33	-91	-15	14	-32	-28	6	30	84	132	133	76	52	-24	-92	-116	-179	-134
-71	-33	12	70	55	16	31	52	63	35	-21	-18	-7	42	72	48	87	99	54	-57
-104	-113	-143	-130	-67	11	37	76	75	38	10	7	-5	-50	-71	-21	86	70	-1	-26
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7	56	66	40	-21	8	33	-67	-107	-95	-32	64	128	132	78	55	52	43	-64	-150
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-115	-113	-103	-85	-25	87	56	48	86	104	74	62	91	59	-6	11	44	58	50	30
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-12	-13	-11	-12	-15	-15	-16	-16	-16	-11	-8	-9	-9	-10	-8	-3	-5	-7	-4
-4	-5	-5	-5	-6	-5	1	2	1	0	0	0	2	3	2	1	1	0	0
-1	-2	-5	-3	-2	-6	-9	-15	-12	-12	-17	-16	-11	-9	-11	-10	-3	-2	

IIP232 71.161.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 249 9841 AIRPORT BOULEVARD, 15TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP NOOE 33 56 46N, 118 23 09W

PEAK VALS ACN = -91.8 CM/SEC/SEC AT 11.16 SEC VELO = 29.5 CM/SEC AT 13.88 SEC DISP = -11.1 CM AT 13.44 SEC

INITIAL VELO = -4.95881 CM/SEC										INITIAL DISP = -1.21495 CM									
2466 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC										AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
78	175	201	212	220	228	233	220	211	211	208	199	171	135	112	80	42	14	-8	2
37	99	151	220	261	257	234	204	161	99	26	-64	-157	-222	-239	-227	-187	-155	-115	-84
-47	-24	4	12	20	8	-1	-25	-37	-31	-23	-35	-60	-99	-138	-183	-223	-250	-277	-317
-269	-184	-127	-102	-63	-16	43	116	181	223	227	227	216	168	77	3	-46	-79	-81	-83
-85	-97	-94	-62	-13	56	148	252	352	419	416	353	254	212	207	205	212	222	209	167
125	100	109	154	208	250	300	317	248	128	73	35	-1	-39	-82	-119	-155	-260	-410	-491
-501	-482	-444	-426	-418	-419	-426	-420	-408	-354	-274	-197	-153	-125	-96	-85	-55	-41	-80	-125
-177	-199	-186	-116	-30	61	184	264	288	298	320	345	357	358	372	393	398	385	353	308
248	226	207	159	72	12	-22	-92	-163	-175	-138	-40	39	113	165	173	146	84	-12	-158
-264	-333	-401	-410	-400	-408	-396	-365	-315	-263	-213	-157	-108	-41	-7	-4	-9	-15	-7	-14
-40	-88	-148	-222	-297	-353	-366	-353	-339	-320	-286	-235	-187	-134	-70	7	74	117	114	92
52	4	-13	-7	18	59	102	126	120	84	22	-8	-3	25	96	149	227	363	464	491
493	469	460	448	438	411	365	314	278	182	79	56	60	53	34	-6	-66	-113	-169	-231
-265	-262	-231	-165	-107	-77	-63	-57	-67	-130	-207	-260	-346	-458	-536	-570	-592	-598	-600	-596
-573	-516	-411	-307	-212	-92	31	112	161	237	327	415	449	448	443	422	380	332	283	220
161	142	155	215	263	313	396	448	463	455	441	433	427	416	389	357	312	263	213	160
116	64	32	11	-6	-31	-63	-87	-86	-83	-76	-70	-86	-118	-159	-199	-223	-242	-251	-251
-245	-222	-177	-133	-104	-83	-77	-76	-74	-90	-132	-183	-237	-297	-314	-300	-276	-246	-211	-170
-120	-70	-5	58	93	72	35	-19	-81	-130	-131	-116	-59	45	137	238	359	455	554	607
635	657	642	612	573	533	458	394	344	308	280	248	204	169	143	130	102	59	-3	-31
-12	27	74	101	118	98	79	35	-51	-171	-294	-384	-465	-550	-615	-686	-711	-699	-618	-484
-418	-343	-284	-265	-283	-296	-296	-293	-279	-247	-218	-196	-154	-105	-43	33	115	156	158	162
157	146	158	194	234	282	328	374	405	445	481	502	512	482	428	355	273	223	179	168
171	187	202	210	214	207	198	178	161	140	118	79	-11	-125	-250	-361	-438	-482	-496	-510
-532	-557	-578	-590	-599	-593	-567	-524	-482	-459	-434	-409	-391	-377	-362	-331	-297	-235	-185	-164
-140	-135	-150	-169	-164	-149	-131	-99	-83	-69	-61	-45	-41	-14	43	161	273	363	419	449
480	516	560	612	648	662	659	624	567	493	432	394	367	327	300	278	245	212	192	176
185	204	220	203	176	125	43	-32	-117	-206	-284	-357	-476	-597	-721	-822	-867	-897	-918	-915
-896	-876	-848	-813	-776	-738	-698	-655	-591	-529	-507	-486	-468	-444	-413	-369	-314	-276	-233	-196
-165	-122	-74	-11	46	114	187	248	328	384	432	483	546	601	668	733	799	847	874	890
896	883	875	879	874	842	776	691	616	535	488	440	408	376	350	298	254	200	135	127
115	99	64	21	-47	-133	-216	-293	-375	-461	-563	-655	-731	-788	-834	-855	-860	-853	-833	-821
-801	-762	-710	-648	-583	-491	-396	-324	-249	-176	-81	21	114	200	286	359	386	384	390	379
374	366	370	374	385	394	409	432	487	572	653	723	793	852	881	893	903	902	901	898
900	894	870	831	788	715	646	560	475	430	363	257	171	74	14	-39	-87	-101	-119	-128
-135	-151	-167	-212	-267	-313	-363	-421	-483	-553	-622	-697	-736	-753	-772	-784	-799	-816	-834	-845
-843	-841	-836	-829	-801	-745	-681	-619	-543	-473	-412	-369	-296	-227	-200	-171	-150	-126	-100	-90
-76	-45	27	125	184	248	334	405	454	503	545	601	638	676	707	734	752	753	733	700
645	579	516	445	362	285	190	126	52	-33	-83	-119	-148	-170	-189	-208	-224	-249	-275	-305
-321	-340	-362	-406	-476	-539	-601	-660	-684	-694	-691	-693	-694	-711	-723	-722	-713	-698	-672	-641

-605	-555	-507	-470	-418	-348	-245	-160	-84	-1	58	105	159	180	190	196	207	232	260	278
298	329	360	392	425	464	498	515	521	518	503	499	500	496	491	492	496	490	463	413
355	324	289	250	223	174	129	78	41	9	-6	-3	-6	-11	-31	-54	-119	-166	-199	
-227	-266	-294	-307	-333	-366	-380	-389	-380	-365	-345	-320	-298	-285	-265	-248	-232	-207	-167	-128
-89	-56	-30	2	38	85	138	174	220	285	322	348	362	395	433	465	515	555	561	563
550	530	509	485	444	405	374	335	316	301	293	304	320	341	361	368	354	339	318	292
263	222	178	128	90	41	-2	-35	-68	-81	-112	-142	-173	-193	-215	-238	-258	-282	-291	-290
-289	-289	-285	-257	-236	-229	-225	-218	-221	-236	-249	-277	-308	-336	-365	-381	-395	-390	-373	-344
-317	-287	-242	-199	-178	-142	-113	-91	-73	-53	-36	-34	-33	-27	-24	-31	-43	-55	-78	-91
-108	-106	-95	-81	-79	-72	-69	-56	-35	-35	-26	-8	-8	-6	-5	-3	-3	-9	-19	-24
-48	-50	-64	-79	-107	-128	-141	-142	-137	-127	-115	-113	-93	-74	-69	-46	-24	-16	-10	0
1	4	5	6	8	10	21	42	49	50	62	73	79	83	89	102	109	119	145	159
174	200	215	236	263	277	292	295	291	288	236	220	192	163	141	125	124	110	106	110
107	105	98	101	87	60	38	32	12	-16	-74	-108	-114	-127	-149	-162	-173	-179	-189	-202
-221	-227	-224	-237	-260	-273	-279	-292	-293	-277	-256	-247	-246	-244	-242	-240	-238	-231	-218	-203
-182	-165	-153	-134	-111	-86	-61	-39	-16	10	33	61	87	103	121	133	151	175	196	213
234	266	304	334	358	372	379	382	382	376	360	341	327	305	296	304	296	268	250	237
224	211	201	190	188	171	166	167	166	165	163	157	142	124	102	73	25	-19	-55	-86
-111	-141	-159	-165	-178	-182	-171	-156	-137	-120	-106	-93	-96	-105	-98	-93	-85	-78	-70	-62
-51	-46	-53	-73	-89	-112	-138	-166	-189	-209	-222	-222	-207	-191	-172	-156	-138	-110	-93	-87
-86	-84	-83	-81	-83	-93	-108	-111	-112	-120	-121	-123	-129	-128	-133	-130	-135	-138	-133	-132
-121	-102	-93	-83	-66	-53	-40	-32	-30	-25	-22	-15	-7	3	5	13	25	35	46	61
72	91	109	123	137	164	182	197	216	227	243	256	278	304	310	316	319	316	307	304
301	297	290	286	281	268	260	262	262	254	243	238	216	201	178	151	119	91	73	44
11	-21	-48	-62	-66	-69	-72	-78	-85	-98	-124	-149	-167	-191	-203	-211	-223	-232	-246	-249
-251	-250	-253	-253	-253	-262	-279	-290	-301	-321	-332	-335	-336	-330	-305	-286	-272	-247	-225	-207
-188	-176	-153	-131	-120	-111	-102	-93	-76	-60	-50	-32	-16	-3	11	22	32	48	52	64
65	73	82	99	125	139	153	164	175	186	200	208	217	228	223	219	197	168	149	131
108	86	64	38	14	-10	-31	-51	-57	-54	-54	-57	-65	-65	-65	-69	-71	-69	-69	-69
-68	-67	-67	-67	-66	-66	-68	-81	-99	-117	-141	-158	-181	-200	-207	-201	-190	-170	-146	-119
-100	-72	-54	-21	8	30	52	67	81	92	102	116	130	146	147	148	148	149	146	143
144	145	146	153	168	173	193	216	242	261	282	303	318	330	324	302	282	277	260	247
237	226	215	186	157	137	124	107	93	74	54	31	3	-25	-44	-41	-41	-43	-42	-42
-43	-51	-63	-73	-87	-94	-111	-133	-155	-186	-209	-230	-252	-266	-273	-283	-290	-290	-285	-278
-272	-262	-249	-226	-214	-202	-187	-178	-170	-165	-162	-163	-162	-156	-143	-141	-140	-135	-134	-126
-121	-115	-102	-83	-62	-42	-17	8	23	47	62	71	80	93	93	93	92	88	84	85
90	91	91	91	92	101	112	111	113	118	116	111	102	88	72	69	62	55	54	45
32	13	-4	-21	-28	-43	-51	-54	-66	-71	-87	-97	-90	-76	-61	-37	-21	-6	10	11
23	35	52	57	64	71	80	84	93	96	101	115	122	125	133	142	150	160	173	196
214	231	243	260	273	279	285	285	284	280	272	261	250	238	228	222	208	188	169	141
114	87	69	44	19	-5	-31	-51	-72	-89	-90	-104	-112	-121	-130	-146	-165	-202	-228	-249
-282	-315	-341	-371	-391	-406	-404	-406	-398	-385	-380	-380	-371	-354	-342	-326	-311	-290	-267	-243
-215	-193	-163	-129	-96	-78	-58	-39	-24	-10	2	17	26	39	57	75	94	117	141	170
196	213	232	252	265	272	274	273	264	259	251	240	241	241	236	232	220	212	203	189
170	147	121	86	62	43	34	15	-4	-12	-26	-48	-66	-93	-103	-116	-131	-154	-178	-191
-209	-214	-212	-200	-202	-200	-193	-190	-189	-189	-189	-186	-178	-175	-172	-160	-149	-132	-104	-77
-48	-27	6	28	51	73	89	106	129	149	168	180	198	213	222	228	238	243	245	245
243	238	232	223	215	201	195	187	179	168	158	145	134	123	110	84	60	41	18	-11
-31	-55	-83	-104	-126	-142	-155	-162	-169	-170	-168	-168	-173	-180	-193	-207	-214	-220	-227	-226
-224	-223	-224	-220	-210	-196	-177	-170	-165	-158	-150	-138	-128	-111	-96	-83	-68	-52	-42	-26

-8	12	31	44	54	68	77	83	95	106	110	120	124	130	139	151	159	173	183	188
193	197	198	194	186	177	177	172	169	183	199	198	191	175	167	151	131	108	88	69
45	27	14	-4	-18	-32	-43	-47	-58	-72	-79	-89	-99	-109	-128	-147	-170	-196	-216	-233
-249	-261	-269	-269	-272	-268	-260	-252	-248	-243	-239	-230	-222	-210	-196	-184	-174	-163	-153	-145
-131	-116	-99	-84	-75	-64	-49	-40	-23	2	28	55	81	105	123	144	161	170	190	205
206	230	237	243	255	262	263	272	286	296	294	289	284	276	275	274	267	256	241	224
206	186	169	153	144	132	118	102	82	63	43	22	6	-4	-19	-36	-45	-56	-72	-84
-92	-97	-107	-119	-132	-147	-161	-176	-192	-208	-218	-223	-224	-228	-227	-226	-213	-205	-201	-188
-173	-165	-159	-150	-136	-121	-107	-94	-79	-67	-50	-36	-26	-15	-10	31	8	19	23	31
45	57	65	73	87	102	123	135	153	174	193	210	217	225	235	240	248	251	250	243
230	211	202	185	168	159	144	130	117	99	76	62	50	35	13	-6	-24	-41	-53	-71
-84	-91	-100	-110	-120	-135	-145	-161	-175	-185	-200	-211	-223	-234	-246	-253	-255	-258	-256	-260
-262	-262	-267	-272	-281	-245	-226	-207	-189	-166	-144	-122	-97	-80	-62	-50	-42	-32	-30	-29
-20	-15	-11	1	12	23	35	47	57	67	77	83	91	97	106	117	130	142	155	167
176	188	191	196	195	192	189	180	160	145	135	119	116	110	97	88	85	84	75	67
61	51	46	34	22	12	-1	-14	-21	-30	-27	-33	-38	-47	-56	-63	-84	-96	-97	-105
-101	-98	-94	-93	-86	-74	-64	-52	-40	-29	-21	-15	-7	-3	0	3	9	20	22	26
26	25	30	33	38	42	43	44	49	49	51	57	62	62	66	75	79	88	89	88
90	90	88	79	65	60	51	50	42	25	13	4	-4	-11	-14	-17	-16	-18	-13	-5
-6	-6	-4	-10	-12	-23	-25	-30	-38	-41	-46	-55	-59	-67	-67	-64	-53	-46	-36	-34
-30	-22	-23	-23	-24	-20	-17	-22	-26	-25	-24	-19	-18	-12	-7	-8	-6	-2	0	4
4	4	11	13	13	14	8	6	0	-10	-15	-23	-33	-42	-51	-61	-70	-72	-73	-71
-64	-62	-59	-57	-59	-58	-52	-48	-48	-44	-37	-33	-34	-43	-40	-16	-15	-7	-4	-3
-6	-7	-7	0	4	6	15	25	31	39	54	62	66	74	82	84	81	81	76	70
64	56	49	40	30	22	18	11	0	-10	-14	-22	-27	-32	-39	-35	-36	-34	-35	-33
-35	-36	-37	-39	-46	-57	-69	-81	-85	-93	-105	-112	-114	-115	-114	-111	-107	-98	-99	-99
-85	-68	-53	-50	-40	-22	-13	0	11	18	32	39	48	55	66	70	72	85	101	114
126	138	146	155	160	171	178	185	199	201	203	202	197	192	186	180	169	154	139	130
121	106	89	77	67	55	44	35	19	3	-4	-16	-24	-25	-40	-45	-56	-68	-78	-87
-94	-97	-109	-116	-123	-131	-140	-154	-157	-155	-161	-159	-152	-148	-140	-136	-129	-127	-119	-110
-106	-103	-95	-99	-98	-88	-81	-70	-59	-47	-38	-30	-21	-9	5	22	31	36	47	56
62	71	81	88	100	107	114	116	120	130	126	126	125	121	116	115	106	96	87	78
70	64	55	39	33	25	15	-4	-22	-38	-56	-70	-88	-100	-101	-109	-124	-134	-139	-141
144	140	142	148	134	-128														

IIP232 71.161.0
 STATION NO. 249
 INSTR PERIOD = 0.03 SEC
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 9841 AIRPORT BOULEVARD, 15TH FLOOR, LOS ANGELES, CAL.
 DAMPING = 0.592
 EPICENTER 34 24 00N, 118 23 42W
 COMP S90W 33 56 46N, 118 23 09W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACNLN = 91.7 CM/SEC/SEC AT 6.20 SEC VELO = 23.7 CM/SEC AT 19.56 SEC DISP = 14.4 CM AT 25.66 SEC

2469 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = -2.32836 CM/SEC INITIAL DISP = 0.42184 CM

185	183	161	135	101	56	-3	4	48	92	66	45	83	90	60	79	84	88	85	86
82	77	83	146	183	173	150	96	58	1	-26	-45	-31	4	11	-21	-106	-215	-294	-328
-322	-305	-278	-260	-236	-231	-230	-235	-227	-197	-150	-159	-171	-126	-47	2	15	-39	-57	-48
-50	-48	-36	-12	38	72	82	79	79	85	101	113	126	160	208	264	284	314	294	261
247	240	228	228	243	244	231	213	185	148	121	117	155	217	235	223	197	140	58	-3
-3	13	52	80	23	-24	-77	-125	-129	-138	-145	-166	-200	-253	-355	-433	-480	-467	-411	-365
-338	-320	-309	-332	-404	-442	-432	-397	-348	-325	-321	-296	-265	-250	-233	-198	-119	-31	72	130
168	218	330	385	380	309	200	179	267	343	390	398	390	379	354	310	251	238	270	293
308	308	309	315	326	331	333	336	345	357	360	384	414	418	363	277	205	140	77	-21
-113	-140	-127	-154	-227	-286	-303	-307	-336	-368	-375	-332	-271	-230	-224	-216	-197	-165	-131	-87
-23	-22	-74	-134	-182	-240	-300	-345	-346	-331	-320	-312	-317	-318	-302	-277	-233	-172	-77	4
69	115	120	128	157	217	267	281	287	325	376	415	421	363	227	168	131	63	29	29
61	89	85	20	-2	73	169	245	353	452	513	521	476	390	302	188	78	0	-67	-113
-148	-185	-278	-426	-579	-675	-724	-746	-727	-657	-575	-510	-479	-475	-476	-446	-397	-315	-234	-176
-127	-64	-17	-2	-14	-60	-179	-279	-280	-247	-177	-122	-133	-155	-221	-271	-285	-288	-263	-182
-57	84	148	193	227	288	459	646	731	808	917	909	882	803	681	578	550	516	446	330
235	128	51	47	49	56	70	76	68	56	40	28	46	90	102	108	123	128	81	34
-22	-72	-95	-129	-162	-238	-364	-505	-654	-745	-805	-851	-858	-831	-769	-730	-682	-596	-502	-228
-368	-292	-241	-188	-162	-191	-228	-226	-192	-142	-100	-67	-18	12	-1	7	46	109	170	228
276	306	296	290	293	303	329	410	534	653	679	661	659	639	612	632	685	720	705	663
580	459	370	311	290	292	300	297	284	261	228	169	110	57	31	3	-39	-39	-43	-43
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199	168	140	120	139	194	259	338	433	486	523	545	542	525	508	489	448	398	347	296
233	169	117	22	-77	-158	-250	-331	-379	-433	-482	-563	-617	-647	-642	-628	-568	-496	-428	-358
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267	279	284	303	325	332	306	267	226	187	138	102	75	44	20	-1	-31	-91	-123	-167
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114	137	156	172	188	205	225	248	272	275	286	279	251	210	187	160	141	126	102	78
46	19	-10	-30	-40	-39	-33	-34	-25	-21	-24	-28	-36	-35	-40	-43	-45	-42	-36	-32
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63	92	116	149	161	171	182	209	233	241	239	247	262	269	268	276	285	293	296	297
297	301	306	305	307	307	308	308	309	310	319	328	334	340	344	348	340	324	307	285
257	250	241	214	200	183	157	143	129	110	95	83	66	59	58	53	38	11	-11	-41
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336	343	366	397	415	432	450	465	471	475	476	475	464	454	444	433	418	405	389	369
355	330	291	274	254	243	225	209	200	186	150	119	103	80	65	42	28	7	-12	-38
-57	-80	-111	-131	-147	-171	-191	-212	-236	-257	-272	-279	-284	-284	-281	-276	-278	-277	-274	-262
-256	-250	-242	-227	-217	-207	-199	-188	-175	-162	-158	-154	-151	-142	-138	-127	-111	-103	-88	-78
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257	255	249	245	242	232	233	233	233	233	233	233	234	223	209	195	175	159	150	146
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-208	-221	-235	-250	-257	-265	-268	-270	-269	-268	-268	-271	-272	-261	-252	-241	-229	-219	-216	-216
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-47	-24	-4	12	54	81	101	112	127	150	166	184	196	212	224	230	240	248	250	257
255	256	249	237	224	223	216	207	197	199	201	202	202	198	199	188	185	178	167	158

[illegible]

IIP232 71.161.0
 STATION NO. 249
 INSTR PERIOD = 0.03 SEC
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 9841 AIRPORT BOULEVARD, 15TH FLOOR, LOS ANGELES, CAL.
 DAMPING = 0.592
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UP 33 56 46N, 118 23 09W
 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 49.7 CM/SEC/SEC AT 0.04 SEC VELO = -6.5 CM/SEC AT 21.42 SEC DISP = 3.8 CM AT 20.66 SEC

INITIAL VELO = -0.13125 CM/SEC INITIAL DISP = -0.39556 CM

2469 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

65	341	497	314	-83	-352	-408	-298	-122	109	200	200	182	81	147	249	138	-124	-210	-111
4	128	98	-35	-172	-166	-103	-16	49	77	144	174	158	119	87	2	-204	-324	-283	-182
-71	140	114	71	21	-93	-175	-105	-85	-72	7	0	-8	54	53	-49	-35	-23	24	24
16	45	39	-99	-179	-138	34	153	109	74	135	85	25	46	51	-97	-213	-222	-223	-191
-40	93	174	187	157	-121	27	-93	-143	-126	-116	-78	-14	123	194	184	200	124	-47	-255
-333	-352	-227	18	94	124	141	131	26	-99	-106	-82	-41	22	10	-25	-4	46	28	-97
-194	-96	63	183	133	182	124	2	-40	-113	-159	-57	27	-22	-108	-173	-110	48	95	110
59	28	107	137	63	-26	-82	-155	-214	-180	-33	223	370	345	206	-3	-162	-203	-174	-214
-181	14	229	336	259	122	14	-112	-198	-179	-173	-177	51	231	171	115	57	-6	-140	-306
-357	-217	4	62	154	233	169	162	61	1	30	62	126	133	13	-67	-157	-8	153	117
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-98	-324	-382	-251	13	212	244	234	220	177	130	-1	-132	-276	-391	-236	-151	-34	237	348
136	-49	-150	-240	-290	-321	-235	-116	129	345	440	461	285	-44	-254	-327	-301	-265	-168	166
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14	40	100	56	202	194	108	72	35	109	129	37	-80	-104	-185	-205	-131	-8	12	-71
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99	158	195	124	21	-94	-141	-114	-77	-79	-35	69	154	226	169	17	-97	-152	-160	-130
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-94	-91	-70	-57	-56	-67	-66	-63	-74	-71	-77	-87	-95	-74	-61	-49	-42	-25	-19	-22
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30	40	40	46	47	60	62	72	74	79	76	79	96	91	84	76	68	67	76	85
91	99	92	78	66	67	61	64	66	51	39	49	61	79	86	80	65	54	45	51
47	41	42	51	64	60	55	48	38	28	27	30	29	20	17	19	14	5	-6	-16
-22	-35	-43	-48	-50	-47	-57	-49	-53	-54	-51	-70	-84	-95	-100	-107	-116	-114	-121	-108
-85	-81	-84	-78	-92	-99	-109	-117	-123	-130	-123	-104	-84	-57	-36	-45	-69	-82	-102	-106

-94	-63	-46	-39	-33	-20	-18	-20	-13	-31	-35	-26	-18	-27	-26	-17	-16	-7	0	-3
2	16	35	38	30	23	10	17	22	36	38	76	110	100	100	96	95	86	91	89
83	85	96	95	99	91	99	86	86	75	66	63	62	50	46	46	56	55	63	58
39	10	-6	-6	1	2	-2	-3	8	16	23	21	4	-11	-33	-51	-58	-56	-59	-58
-48	-37	-31	-34	-42	-52	-60	-67	-73	-71	-62	-52	-53	-52	-53	-60	-71	-69	-66	-66
-69	-63	-56	-47	-46	-44	-44	-47	-49	-49	-36	-18	-12	-9	-12	-9	-1	3	8	20
35	40	37	33	33	36	37	45	44	37	38	46	63	69	70	67	52	53	59	55
57	58	62	58	62	81	83	73	75	58	60	64	53	65	76	80	85	74	64	54
45	51	52	53	49	39	41	36	26	12	0	-4	-6	-6	0	1	3	-1	-10	-23
-30	-27	-32	-42	-42	-40	-41	-43	-57	-67	-74	-80	-83	-80	-74	-66	-55	-49	-49	-58
-61	-57	-57	-62	-55	-63	-64	-62	-51	-49	-34	-33	-47	-62	-54	-46	-32	-23	-11	-15
-9	1	11	5	-8	-16	-17	-25	-23	-19	-8	10	15	13	11	10	18	10	16	9
-2	-6	-2	1	12	19	23	14	16	11	18	15	18	18	18	22	18	18	15	14
25	22	16	15	18	26	31	30	22	18	8	-7	-17	-15	-2	7	11	17	5	6
4	-1	-5	-4	10	16	13	17	11	0	-8	-17	-30	-32	-29	-23	-23	-13	-18	-19
-8	15	5	-6	-10	-16	-11	-11	-9	4	10	4	0	-8	-6	15	27	25	40	37
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44	45	39	36	27	31	29	28	20	26	17	9	7	16	10	10	8	2	-10	5
-4	-2	-2	-3	-14	-10	-10	-15	-4	-7	-10	-1	-2	-1	-4	2	-4	-17	-15	-21
-21	-11	-5	-10	-17	-24	-28	-21	-18	-20	-20	-13	-8	-5	-3	-12	-25	-33	-33	-39
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-13	-8	-7	-5	-6	-6	-3	-1	-8	-4	-10	-15	-5	-5	-2	-5	0	-7	-13	-13
18	18	14	18	30	40	47	52	58	59	62	63	52	48	43	45	47	50	54	53
47	50	44	45	45	52	56	65	60	57	52	47	29	19	9	5	1	7	9	-2
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-1	-7	-13	-9	-13	-14	-17	-4	-9	-9	-4	-7	-5	-9	-10	-5	-10	-15	-11	-4
6	8	12	6	2	-4	-6	0	4	7	7	9	11	8	4	-5	-9	-6	-1	9
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-3	-9	-19	-27	-17	-11	-11	-13	-14	-16	-24	-9	-10	-14	-14	-20	-15	-23	-14	-17
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-8	13	10	-9	-15	-12	-15	-12	-7	-17	-19	-22	-19	-25	-24	-24	-27	-28	-28	-29

California Institute of Technology
Earthquake Engineering Research Laboratory

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